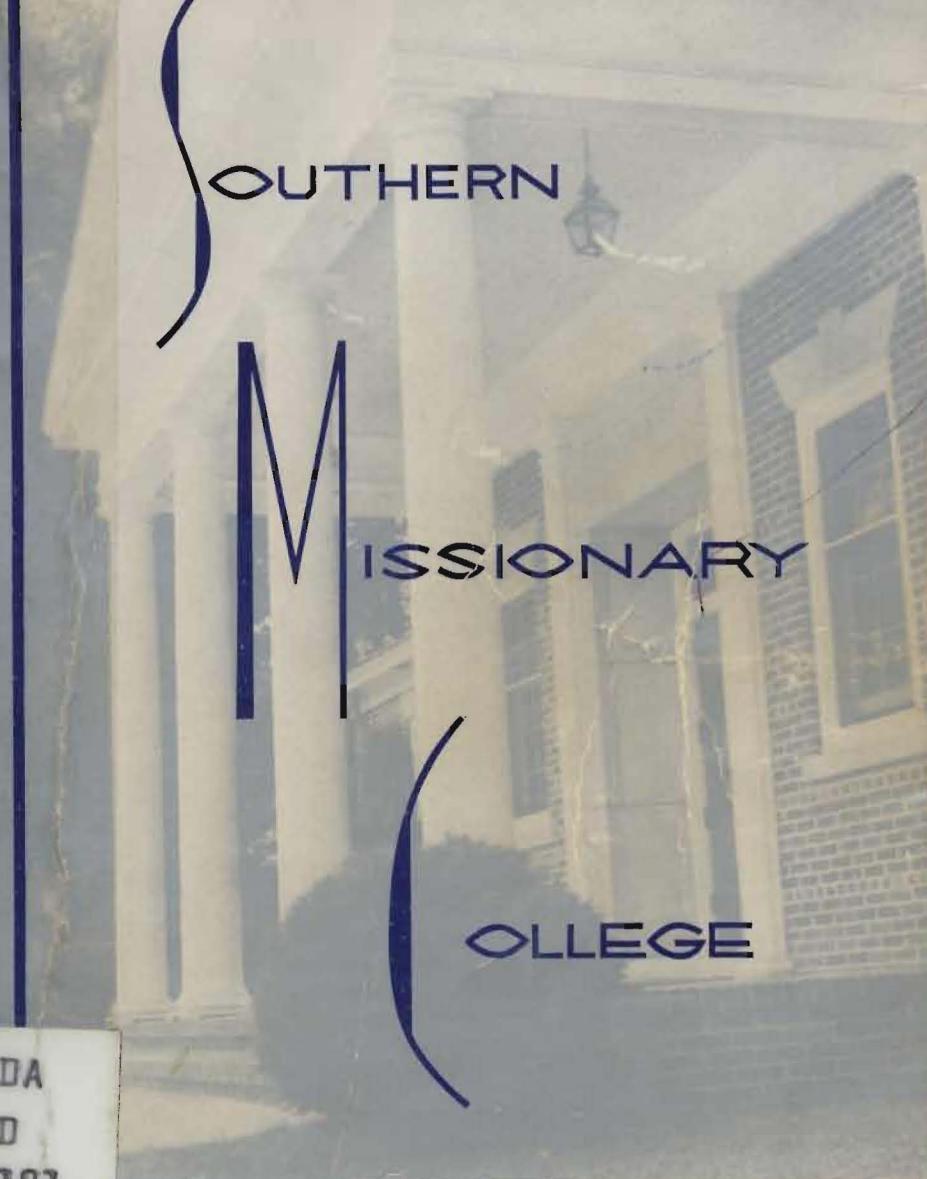


Mrs. Petty  
Mrs. St. L.



SOUTHERN  
MISSIONARY  
COLLEGE

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1961

Bulletin 1960-61

# CORRESPONDENCE

Inquiries should be directed as follows:

General Administrative Matters, to the *President*

Admissions, to the *Admissions Office*

Financial Matters, Student Employment, Student Housing, Student Accounts, to the *Assistant Business Manager*

Scholastic Matters and Summer School, to the *Dean of the College*

Transcripts and Academic Records, to the *Registrar*

Problems of Residence Halls, Room Furnishings, Suitable Wearing Apparel and Campus Conduct:

Of Men Students, to the *Dean of Men*

Of Women Students, to the *Dean of Women*

Public Relations, Student Activities, Promotion, Counselling, to the *Dean of Student Affairs*

## TELEPHONE NUMBERS OF ADMINISTRATIVE OFFICES

Academy Principal .....	EX 6-3181
Admissions Office .....	EX 6-3237
Asst. Business Manager .....	EX 6-2111
Business Manager .....	EX 6-2111
Dean of the College .....	EX 6-2271
Dean of Men .....	EX 6-3141
Dean of Student Affairs .....	EX 6-2332
Dean of Women .....	EX 6-3271
Men's Residence .....	EX 6-3131
President .....	EX 6-2261
Registrar's Office .....	EX 6-3161
Treasurer .....	EX 6-2111
Wemen's Residence .....	EX 6-3261

VOLUME X

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No. 3

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# Southern Missionary College

## ANNUAL BULLETIN

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VOLUME X

MAY, 1960

NUMBER 3

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ANNOUNCEMENTS 1960-1961

SOUTHERN MISSIONARY COLLEGE

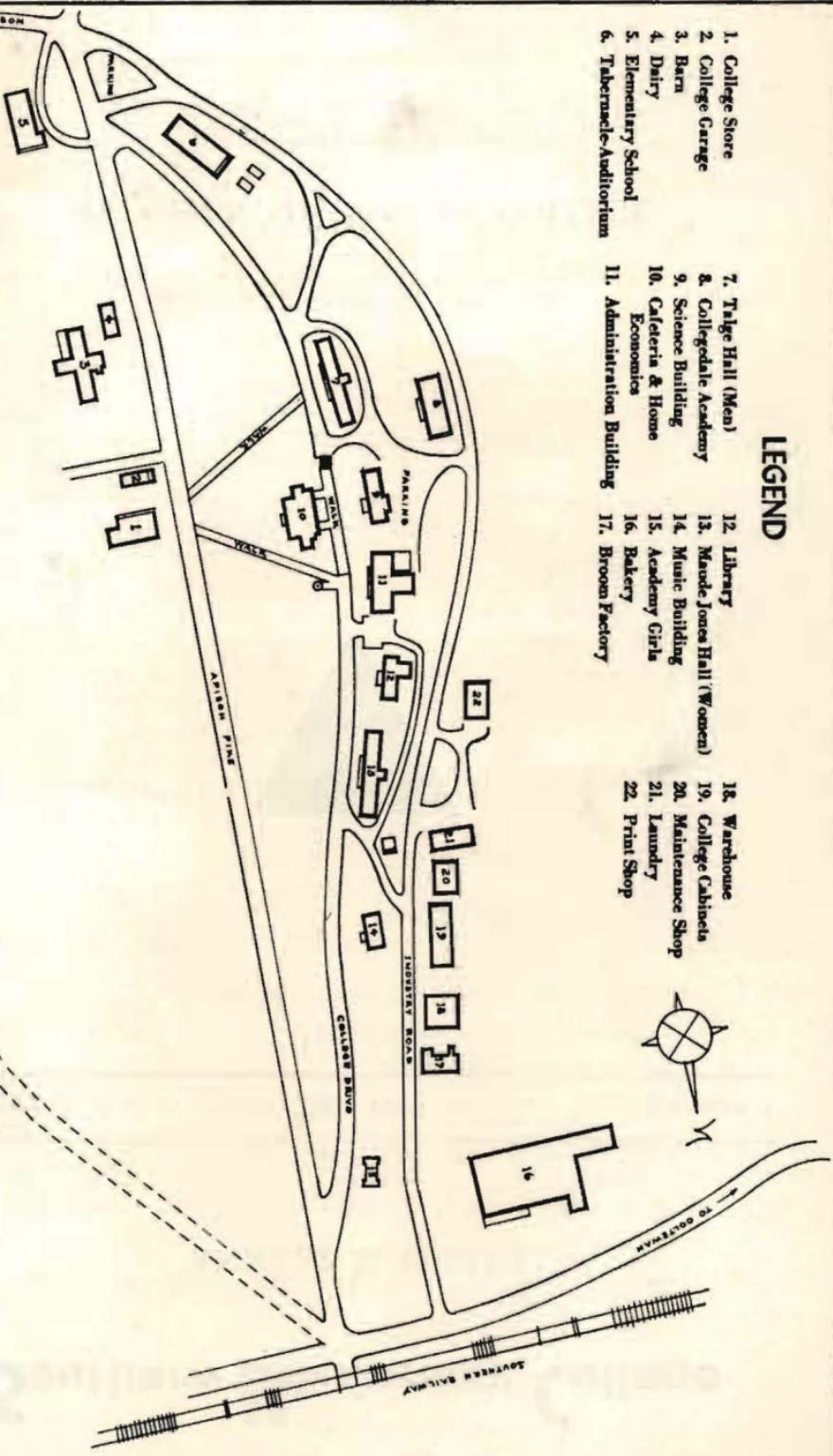
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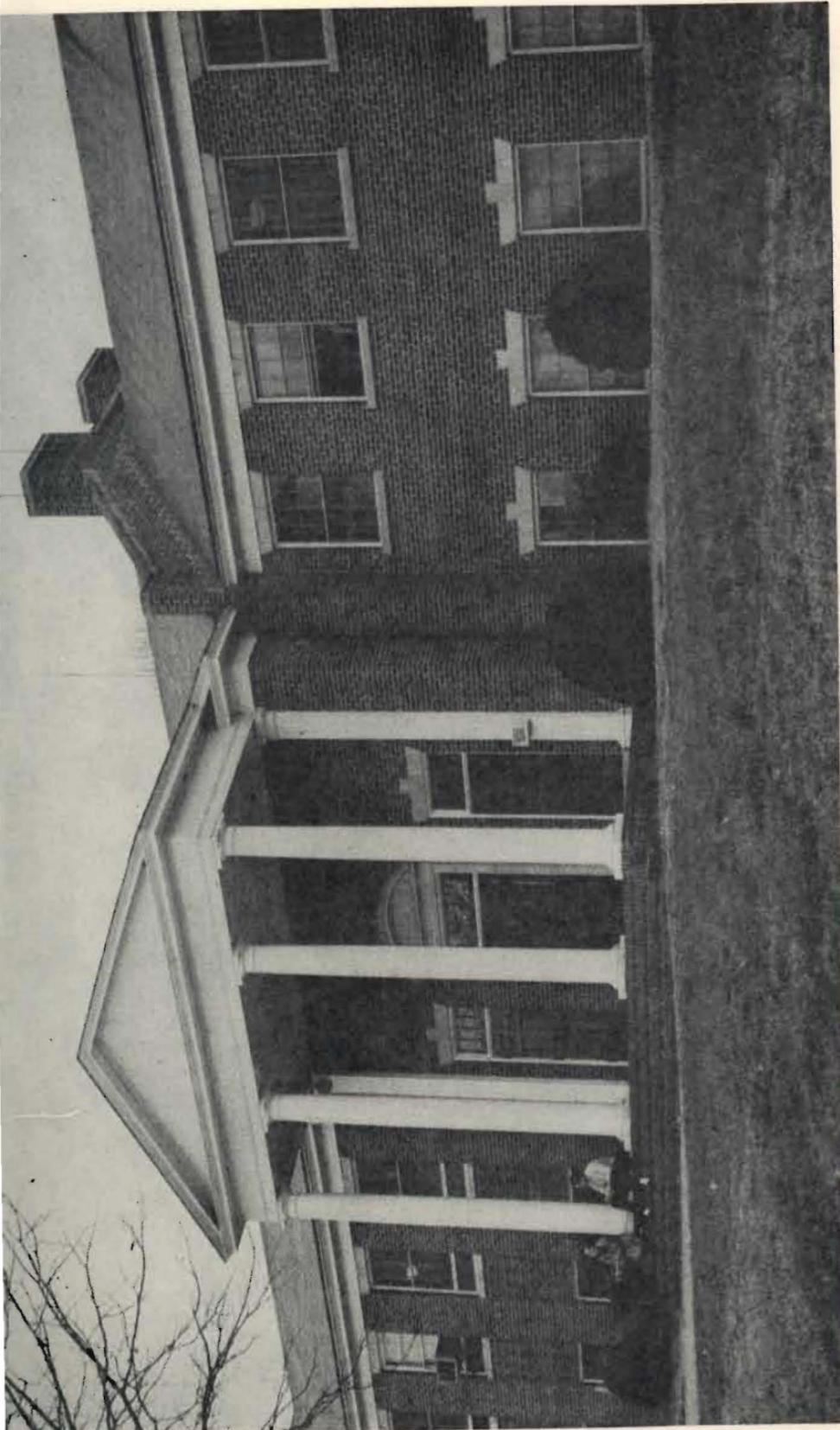
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Collegedale, Tennessee 37315

## LEGEND

1. College Store
2. College Garage
3. Barn
4. Dairy
5. Elementary School
6. Tabernacle-Auditorium
7. Talge Hall (Men)
8. Collegiate Academy
9. Science Building
10. Cafeteria & Home Economics
11. Administration Building
12. Library
13. Maude Jones Hall (Women)
14. Music Building
15. Academy Girls
16. Bakery
17. Broom Factory
18. Warehouse
19. College Cabinets
20. Maintenance Shop
21. Laundry
22. Print Shop





Science Building



## TABLE OF CONTENTS

	Page
MAP OF CAMPUS .....	2
CALENDAR .....	4
CALENDAR OF EVENTS .....	5
BOARD OF DIRECTORS .....	6
ADMINISTRATION .....	7
FACULTY .....	9
COMMITTEES OF THE FACULTY .....	13
GENERAL INFORMATION .....	15
STUDENT LIFE AND SERVICES .....	21
ACADEMIC STANDARDS .....	25
GRADUATION STANDARDS .....	33
DIVISIONS OF INSTRUCTION .....	40
FINANCIAL INFORMATION .....	123
INDEX .....	135

# CALENDAR

1960

JANUARY							APRIL							JULY							OCTOBER							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	F	S		
							1	2						1	2							1	2					
3	4	5	6	7	8	9	3	4	5	6	7	8	9	3	4	5	6	7	8	9	2	3	4	5	6	7	8	
10	11	12	13	14	15	16	10	11	12	13	14	15	16	10	11	12	13	14	15	16	9	10	11	12	13	14	15	
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24	25	26	27	28	29	30	24	25	26	27	28	29	30	24	25	26	27	28	29	30	23	24	25	26	27	28	29	
31														31								30	31					
FEBRUARY							MAY							AUGUST							NOVEMBER							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	F	S		
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28	29						29	30	31					28	29	30	31				27	28	29	30				
MARCH							JUNE							SEPTEMBER							DECEMBER							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	F	S		
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1961

JANUARY							APRIL							JULY							OCTOBER							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	F	S		
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FEBRUARY							MAY							AUGUST							NOVEMBER							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	F	S		
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26	27	28					28	29	30	31				27	28	29	30	31			26	27	28	29	30			
MARCH							JUNE							SEPTEMBER							DECEMBER							
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	F	S		
1	2	3	4				1	2	3					1	2						1							
5	6	7	8	9	10	11	4	5	6	7	8	9	10	3	4	5	6	7	8	9	3	4	5	6	7	8	9	
12	13	14	15	16	17	18	11	12	13	14	15	16	17	10	11	12	13	14	15	16	10	11	12	13	14	15	16	
19	20	21	22	23	24	25	18	19	20	21	22	23	24	17	18	19	20	21	22	23	17	18	19	20	21	22	23	
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# CALENDAR OF EVENTS

## SUMMER SESSION, 1960

Registration 7:30-12:00 .....	June 20
Classes 1:00-5:00 .....	
Final Examinations .....	August 12
Graduation .....	August 13

## FIRST SEMESTER, 1960-61

Registration .....	September 5-7
Classes Begin .....	September 8
Week of Prayer .....	September 30 to October 8
Missions Promotion .....	October 18
Mid-term Examinations .....	November 7-9
Thanksgiving Vacation .....	November 22-27
Christmas Vacation .....	December 20-January 2
First Semester Examinations .....	January 16-20

## SECOND SEMESTER, 1960-61

Registration .....	January 22
Classes Begin .....	January 23
Senior Class Presentation .....	February 13
Mid-term Examinations .....	March 20-22
Spring Vacation .....	March 23-27
Spring Week of Prayer .....	March 31-April 8
College Days .....	April 16-18
Semester Examinations .....	May 22-25
Graduation .....	May 26-28

# COLLEGE DIRECTORY

## BOARD OF DIRECTORS

DON R. REES, <i>Chairman</i>	Decatur, Georgia
C. N. REES, <i>Secretary</i>	Collegedale, Tennessee
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DESMOND CUMMINGS	Decatur, Georgia
FRED H. DORTCH	Birmingham, Alabama
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H. S. HANSON	Decatur, Georgia
C. B. HARDIN	Orlando, Florida
L. J. LEISKE	Meridian, Mississippi
H. LESTER	Plymouth, Florida
E. L. MARLEY	Nashville, Tennessee
A. C. MCKEE	Atlanta, Georgia
GARLAND MILLET	Huntsville, Alabama
M. C. PATTEN	Greenville, South Carolina
H. V. REED	Charlotte, North Carolina
WM. SANDBORN	Madison College, Tennessee
H. H. SCHMIDT	Orlando, Florida
B. F. SUMMEROUR	Norcross, Georgia

## EXECUTIVE COMMITTEE OF THE BOARD

DON R. REES, <i>Chairman</i>	C. N. REES, <i>Secretary</i>
H. S. HANSON	CHARLES FLEMING
K. C. BEEM	A. C. MCKEE
WILBERT SCHNEIDER	

## REGIONAL FIELD REPRESENTATIVES

<i>Representative-at-large:</i> H. S. HANSON	Decatur, Georgia
<i>For Alabama-Mississippi:</i> O. L. HEINRICH	Meridian, Mississippi
<i>For Florida:</i> WARD A. SCRIVEN	Orlando, Florida
<i>For Georgia-Cumberland:</i> V. C. HOFFMAN	Atlanta, Georgia
<i>For Carolina:</i> GEORGE V. YOST	Charlotte, North Carolina
<i>For Kentucky-Tennessee:</i> F. W. FOSTER	Nashville, Tennessee

## OFFICERS OF ADMINISTRATION

C. N. REES, PH.D.	President
WILBERT SCHNEIDER, PH.D.	Academic Dean
WM. H. TAYLOR, M.A.	Dean of Student Affairs
CHARLES FLEMING, JR., M.B.A.	Business Manager
THEODORA LAMBETH, B.A.	Registrar
KENNETH DAVIS, M.A.	Dean of Men
ALFREDA COSTERISAN, M.S.	Dean of Women
S. D. BROWN, M.A.	Librarian

## ASSOCIATES IN ADMINISTRATION

J. M. ACKERMAN, ED.S.	Secretary of Admissions Director of Testing
KEITH ANDERSON, M.D.	College Physician
RALPH DAVIDSON	Treasurer
E. STANLEY CHACE, M.ED.	Principal, Arthur W. Spalding Elementary School
GERALDINE FOOTE	Assistant Director of Food Service
AUBREY KING	Assistant Treasurer and Accountant
MARIAN KUHLMAN, R.N.	School Nurse
H. B. LUNDQUIST, M.A.	Executive Secretary Alumni Association
JOHN SCHMIDT, JR.	Director of Food Service
J. R. SIEBENLIST, M.A.	Principal, Collegedale Academy
MARION S. SIMMONS, ED.S.	Student Educational Consultant
ROY THURMON	Student Chaplain
MYRTLE WATROUS, B.S. in L.S.	Assistant Librarian
D. L. WEST, B.A.	Assistant Business Manager

## OFFICERS OF AUXILIARY SERVICES

### Departmental Superintendents

PERRY A. COULTER	Buildings and Grounds
C. A. LANG	Central Supply
H. C. LAMBETH	Custodian

**College Industries, Inc.**

FRANK FOGG .....	College Broom Factory
H. F. MEYER .....	College Press
GROVER EDGMON .....	Collegedale Laundry
HERBERT POLK .....	College Creamery

**College Enterprises, Inc.**

JOHN GOODBRAD .....	Distributors
B. J. HAGAN .....	College Garage
BRUCE RINGER .....	College Mercantile
H. A. WOODWARD .....	College Store

**Affiliated Industries**

WILLIAM J. HULSEY .....	College Cabinets
O. D. MCKEE .....	McKee Baking Company

# FACULTY

## EMERITI

HIRA T. CURTIS, B.S., *Professor Emeritus of Business Administration*  
B.S., Union College, 1899.

MARY HOLDER DIETEL, M.A., *Associate Professor Emeritus of Modern Languages*  
B.A., Washington Missionary College, 1919; M.A., University of Maryland,  
1933; Certificate from L'Alliance Francaise, Paris, 1936.

MAUDE I. JONES, B.A., *Professor Emeritus of English*  
B.A., Mississippi College for Women, 1894.

HAROLD A. MILLER, M.Music, *Professor Emeritus of Music*  
B. Music, Otterbein College, 1937; M. Music, Eastman School of Music,  
University of Rochester, 1941.

## PROFESSORS

4. CLYDE G. BUSHNELL, PH.D., *Professor of Modern Languages*  
B.A., Union College, 1933; M.A., University of Mexico, 1948; Ph.D.,  
University of Texas, 1958.

8. JOHN CHRISTENSEN, PH.D., *Professor of Chemistry*  
B.A., Union College, 1939; M.A., University of Nebraska, 1946; Ph.D.,  
Michigan State University, 1956.

9. OTTO H. CHRISTENSEN, PH.D., *Professor of Religion and Biblical Languages*  
B.A., Union College, 1938; M.A., S.D.A. Theological Seminary, 1945;  
Ph.D., University of Chicago, 1951.

21. RAY HEFFERLIN, PH.D., *Professor of Physics*  
B.A., Pacific Union College, 1951; Ph.D., California Institute of Technology, 1955.

24. K. M. KENNEDY, ED.D., *Professor of Education*  
B.A., Valparaiso University, 1946; M.Ed., University of Chattanooga, 1952;  
Ed.D., University of Tennessee, 1955.

33. WILBERT M. SCHNEIDER, PH.D., *Professor of Business Administration*  
B.A., Union College, 1940; M.B.A., University of Oklahoma, 1944; Ph.D.,  
University of Southern California, 1951.

34. HARRIET SMITH, ED.D., *Professor of Nursing*  
B.S., Pacific Union College, 1941; M.A., Teachers' College, Columbia  
University, 1947; Ed.D., University of Southern California, 1959.

38. EVERETT T. WATROUS, ED.D., *Professor of History*  
B.A., Atlantic Union College, 1934; M.A., University of Chicago, 1941;  
Ed.D., University of Tennessee, 1956.

## ASSOCIATE PROFESSORS

2. J. M. ACKERMAN, ED.S., *Associate Professor of Education*  
B.S., Union College, 1949; M.A., University of Nebraska, 1950; Ed.S.,  
Peabody College for Teachers, 1957.

3. THERESA ROSE BRICKMAN, M. Com'l Ed., *Associate Professor of Secretarial  
Science*  
B.A., Union College, 1928; M. Com'l Ed., University of Oklahoma, 1942.

6. CLARENCE CHINN, PH.D., *Associate Professor of Chemistry*  
B.A., Walla Walla College, 1951; M.S., Oregon State College, 1953;  
Ph.D., Oregon State College, 1956.

10. JEROME CLARK, PH.D., *Associate Professor of History*  
B.Th., Atlantic Union College, 1948; M.Ed., University of Maryland, 1951;  
M.A., S.D.A., Theological Seminary, 1953; Ph.D., University of Southern  
California, 1959.

15. OLIVIA BRICKMAN DEAN, M.ED., *Associate Professor of Education*  
B.A., Union College, 1934; M.Ed., University of Oklahoma, 1943.

13. RALPH DAVIDSON, M.S., C.P.A., *Associate Professor of Business Administration*  
B.S., Madison College, 1934; M.S., University of Tennessee; C.P.A.,  
State of Tennessee, 1952.

18. GEORGE T. GOTTL, M.A., *Associate Professor of Economics*  
B.A., Emmanuel Missionary College, 1944; M.A., University of Nebraska,  
1951.

25. HULDREICH H. KUHLMAN, M.A., *Associate Professor of Biology*  
B.A., Emmanuel Missionary College, 1940; M.A., George Peabody College  
for Teachers, 1945.

H. B. LUNDQUIST, M.A., *Associate Professor of English*  
B.A., Emmanuel Missionary College, 1917; M.A., University of Mary-  
land, 1932.

31. CHARLES E. READ, M.S., *Associate Professor of Secretarial Science*  
B.S., Union College, 1950; M.S., Indiana University, 1952.

32. CLIFFORD A. REEVES, B.D., *Associate Professor of Religion*  
B.Th., Canadian Union College, 1951; M.A., S.D.A. Theological Seminary,  
1956; B.D., Potomac University—Seminary, 1957.

36. MORRIS TAYLOR, D.MUS.A., *Associate Professor of Music*  
B.A., Atlantic Union College, 1951; M. Mus., Boston University, 1953;  
D.Mus.A., Boston University, 1959.

43. WILLIAM H. TAYLOR, M.A., *Associate Professor of Journalism*  
B.A., Union College, 1944; M.A., University of Nebraska, 1948.

43. J. MABEL WOOD, M.A., *Associate Professor of Music*  
B.A., Union College, 1948; M.A., University of Nebraska, 1952.

#### ASSISTANT PROFESSORS

1. DOROTHY EVANS ACKERMAN, M. MUSIC, *Assistant Professor of Music*  
B.A., Atlantic Union College, 1940; M. Music, University of Chattanooga,  
1947.

HENRY E. BAASCH, M.A., *Assistant Professor of Religion*  
B.A., Southern Missionary College, 1953; M.A., S.D.A. Theological Semi-  
nary, 1954.

7. DOROTHY K. CHRISTENSEN, M.S., *Assistant Professor of Home Economics*  
B.A., Emmanuel Missionary College, 1955; M.S., University of Tennessee,  
1957.

11. JOSEPH B. COOPER, M.A., *Assistant Professor of Physical Education*  
B.S., University of Tampa, 1955; M.A., University of Florida, 1956.

12. KENNETH DAVIS, M.A., *Assistant Professor of Religion*  
B.A., Emmanuel Missionary College, 1944; M.A., Seventh-day Adventist Theological Seminary, 1953.

13. EDGAR O. GRUNDSET, M.A., *Assistant Professor of Biology*  
B.A., Emmanuel Missionary College, 1947; M.A., Walla Walla College, 1959.

14. LYLE Q. HAMEL, M.MUS., *Assistant Professor of Music*  
B.S., Emmanuel Missionary College, 1949; M.Mus., Vander Cook College of Music, 1954.

15. GORDON HYDE, M.S. IN SPEECH, *Assistant Professor of Speech*  
B.A., Emmanuel Missionary College, 1942; M.S., University of Wisconsin, 1957.

16. EVLYN LINDBERG, M.A., *Assistant Professor of English*  
B.A., Willamette University, 1932; M.A., Texas Christian University, 1952.

17. GORDON MADGWICK, M.A., *Assistant Professor of English*  
B.A., Washington Missionary College, 1954; M.A., S.D.A. Theological Seminary, 1955; M.Ed., University of Maryland, 1958.

18. GLENDA S. ROLFE, M.S., *Assistant Professor of Nursing*  
B.S.N.E., Washington Missionary College, 1950; M.S., College of Medical Evangelists, 1958.

19. ELAINE MYERS-TAYLOR, M.A., *Assistant Professor of Music*  
B.A., Walla Walla College, 1946; M.A., Columbia University, 1953.

20. WAYNE E. VANDEVERE., M.B.A., *Assistant Professor of Business Administration*  
B.A., Emmanuel Missionary College, 1954; M.B.A., University of Michigan, 1956.

21. MYRTLE B. WATROUS, B.S. in L.S., *Assistant Professor of Library Science*  
B.A., Washington Missionary College, 1924; B.S. in L.S., University of North Carolina, 1952.

22. A. L. WATT, M.A., *Assistant Professor of Physics*  
B.A., Union College, 1929; M.A., University of Nebraska, 1954.

23. OLIVE WESTPHAL, M.A.  
B.A., Pacific Union College, 1929; M.A., University of Southern California, 1940.

24. *West D.A.*

25. **INSTRUCTORS**

26. *Del Case, Instructor in Music*  
DOLORES CHAPMAN, B.S., *Instructor in Nursing*  
B.S., Union College, 1958.

27. DON CROOK, B.A., *Instructor in Music*  
B.A., Southern Missionary College, 1953.

28. HELGA FOREHAND, B.A., *Instructor in Home Economics*  
B.A., Union College; B.S., College of Medical Evangelists, 1932.

29. THELMA HEMME, M.A., *Instructor in Home Economics*  
B.A., Pacific Union College, 1944; M.A., Pacific Union College, 1958.

26. MIRIAM KERR, M.A., *Instructor in Nursing*  
B.A., Atlantic Union College, 1936; M.A., George Peabody College for Teachers, 1959.

CHRISTINE KUMMER, B.S.N.E., *Instructor in Nursing*  
B.S.N.E., Washington Missionary College, 1956.

29. MERLYND NESTELL, M.S., *Instructor in Mathematics*  
B.A., Emmanuel Missionary College, 1957; M.A., University of Wisconsin, 1959.

30. NELLIE PATTERSON, B.Sc., *Instructor in Art and Physical Education*  
B.Sc., University of Michigan, 1960.

MERLE SOLLOWAY, M.A., *Instructor in Library Science*  
B.A., Washington Missionary College, 1920; M.A., Columbia University, 1928.

LOWELL J. SMITH, B.A., *Instructor in Music*  
B.A., Pacific Union College, 1957.

37. DREW TURLINGTON, B.Sc., *Instructor in Industrial Arts*  
B.Sc., Southern Missionary College, 1951.

#### SUPERVISORY INSTRUCTORS IN SECONDARY EDUCATION

J. R. SIEBENLIST, M.A., *Principal, History*  
B.A., Union College, 1930; M.A., University of Nebraska, 1953.

LORENE AUSHERMAN, B.A., *Registrar, Health*  
B.A., Southern Missionary College, 1953.

PAUL C. BOYNTON, M.A., *Bible*  
B.A., Washington Missionary College, 1941; M.A., S.D.A. Theological Seminary, 1958.

LOU B. HOAR, M.C.S., *Secretarial Science*  
B.R.E., Atlantic Union College, 1931; M.C.S., Boston University, 1949.

PAUL J. HOAR, M.A., *Mathematics and Science*  
B.A., Atlantic Union College, 1939; M.A., Boston University, 1950.

OLIVE WESTPHAL, M.A., *Spanish*  
B.A., Pacific Union College, 1929; M.A., University of Southern California, 1940.

RITA TAPPER, B.A., *English*  
B.A., Washington Missionary College, 1960.

#### SUPERVISORY INSTRUCTORS IN ELEMENTARY EDUCATION

E. S. CHACE, M.Ed., *Principal, Grade 8*  
B.Th., Atlantic Union College, 1948; M.Ed., University of Chattanooga, 1958.

MILDRED BALDWIN, B.S., *Grades 3, 4*  
B.S., Southern Missionary College, 1958.

ELMYRA CONGER, M.Ed., *Grades 3-7*  
B.S., Southern Missionary College, 1954; M.Ed., University of Chattanooga, 1957.

ARNOLD OTTO, M.Ed., *Grade 7*  
B.A., Emmanuel Missionary College, 1951; M.Ed., University of South Carolina, 1958.

RUTH SORRELL, M.A., *Grades 1, 2*  
B.S., Southern Missionary College, 1951; M.A., George Peabody College for Teachers, 1953.

BARBARA BOTTSFORD, B.S., *Grades 5, 6*  
B.S., Southern Missionary College, 1957.

# ADMINISTRATIVE COMMITTEES

1. President's Council
2. Admissions Committee
3. Finance Committee
4. Traffic and Safety Committee

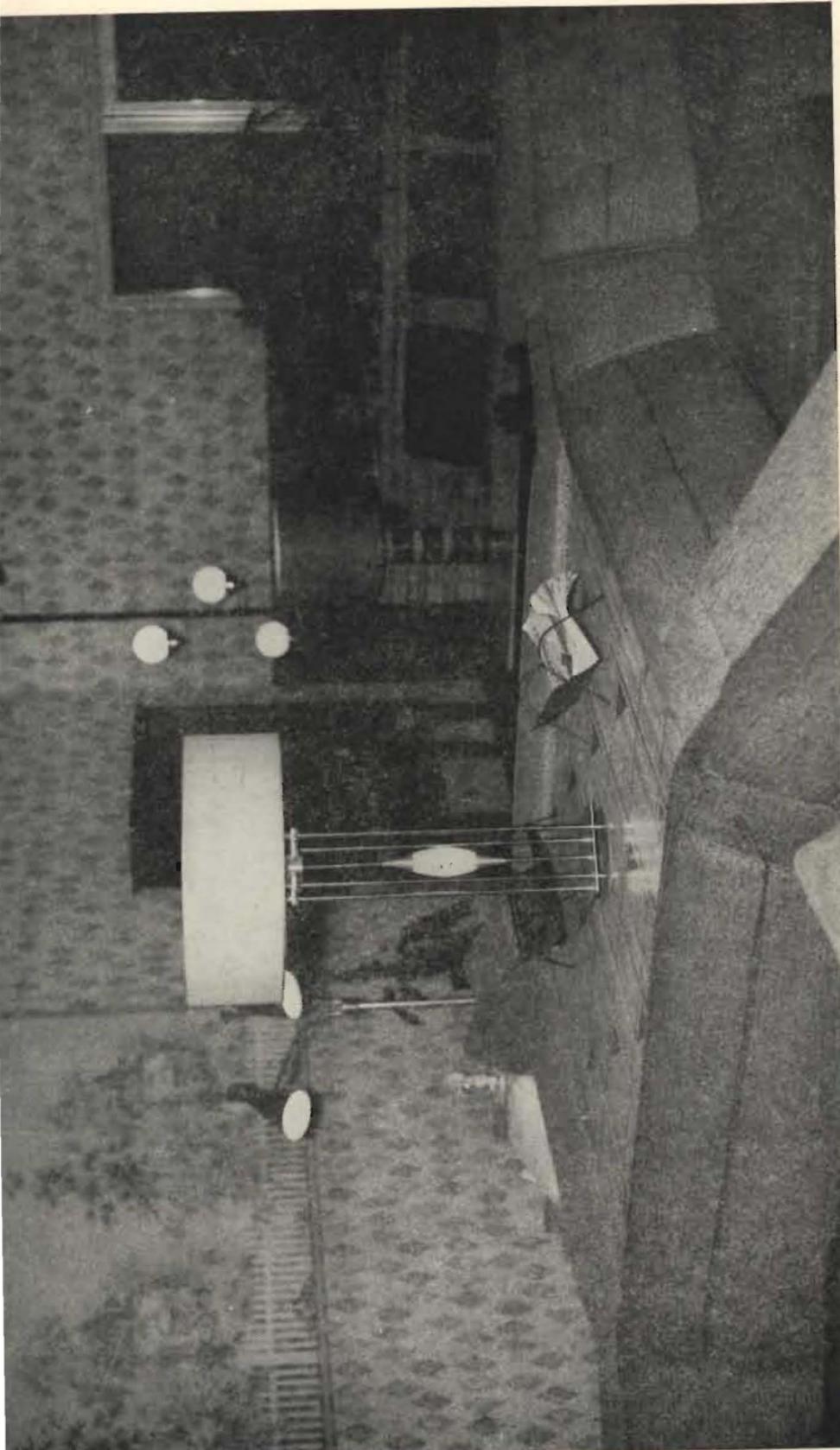
## COMMITTEES OF THE FACULTY

The ten standing committees of the faculty are recommending bodies appointed by the President at the beginning of the school year at which time the schedule of each committee is announced. The President is a member ex-officio of all standing committees. The standing committees are as follows:

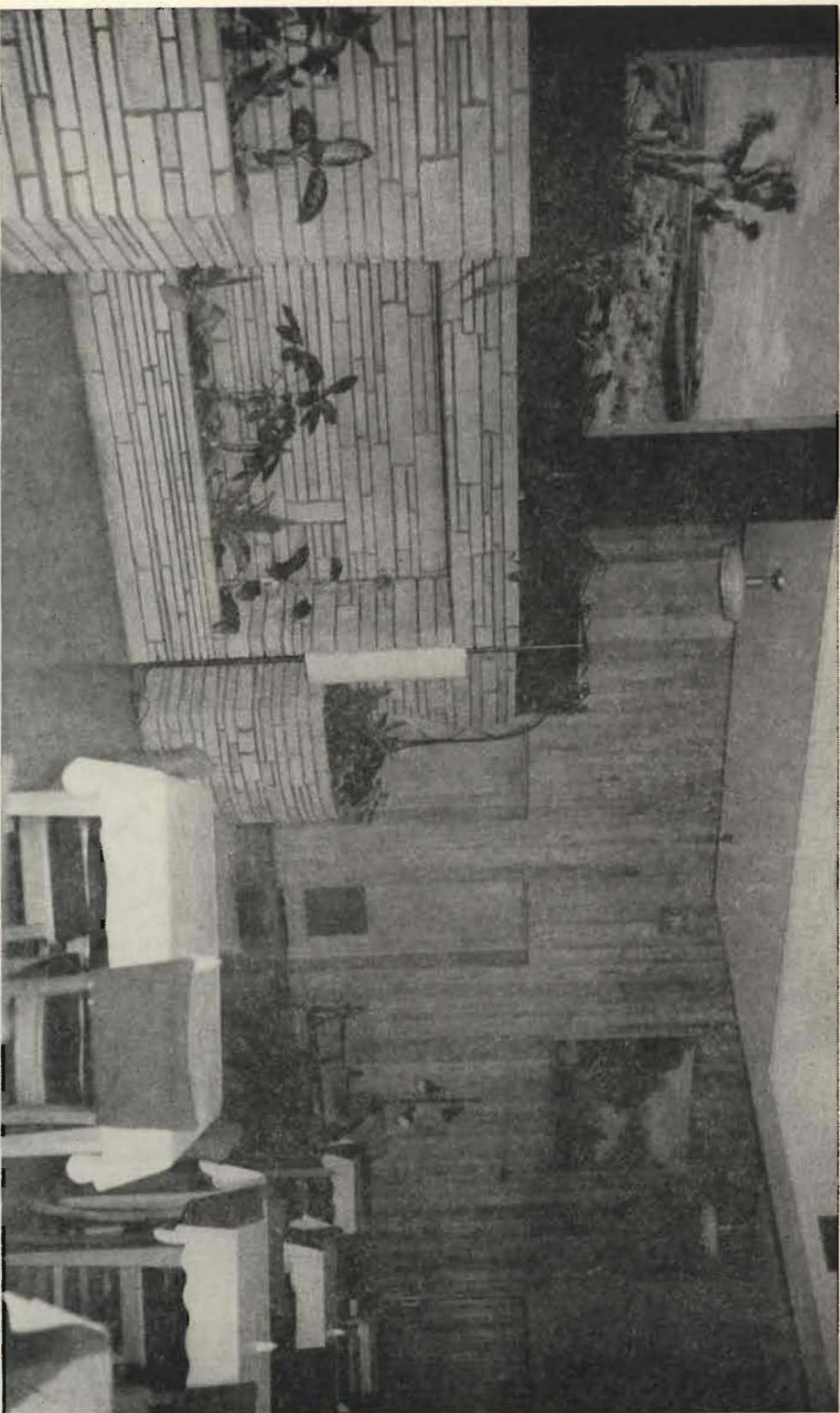
1. Academic Policies
2. Testing and Counselling Service
3. Religious Interests
4. Lyceum and Social Programs
5. Film Committee
6. Health and Sanitation
7. Development and Public Relations
8. Recreation
9. Social Education
10. Library Services

The following committees function as sub-committees of the Academic Policies Committee: Ministerial Recommendations, Medical Student Recommendations, Teacher Certification, English Improvement, Vocational Education.





Student Center



# GENERAL INFORMATION

## AIMS AND OBJECTIVES

Southern Missionary College is a coeducational Christian college operated by the Seventh-day Adventist denomination. Its objectives are in harmony with the basic principles and objectives of its governing organization. The Bible is accepted as the inspired revelation of God to men. Consistent endeavor is made to inspire in the student an appreciation of those principles that lead to a high level of thinking which in turn leads to Christian character and purposeful service to one's fellow men.

In harmony with this inclusive objective the following statements express the specific objectives upon which the policies of the college are formulated:

1. *Spiritual*—To develop and maintain a satisfying relation to Christ, to develop a Christian philosophy as a basis for the solution of personal and social problems, to acquire a sense of personal responsibility in promoting the mission and objectives of the church.
2. *Intellectual*—To gain an acquaintance with the basic facts and principles of the major fields of knowledge necessary to creative thinking; to acquire an attitude of open-minded consideration of controversial questions; to achieve a continuing intellectual curiosity and to acquire the art of effective expression and communication of ideas in both written and spoken form.
3. *Ethical*—To acquire those ethical and moral concepts which are revealed in the Word of God and approved by the enlightened conscience of mankind; to achieve an attitude toward the rights and opinions of others; to accept the social obligation of serving the less privileged with selfless devotion.
4. *Social*—To develop social practices in harmony with social mores of cultured men and women; to acquire social grace, leading to the development of a well-balanced personality.

5. *Aesthetic*—To achieve a sense and appreciation of the beautiful whether in language or in the fine arts; to learn to discriminate and to choose the beautiful, realizing that such appreciation contributes significantly to the refinement of character sought in the spiritual and ethical objectives.

6. *Civic*—To develop a willingness to accept the responsibilities of citizenship as well as to enjoy its privileges; to recognize and safeguard the constitutional and legal rights of others; to acquire an understanding of the foundation principles of our government and how to maintain them; to cooperate with fellow citizens for the improvement of society both national and international.

7. *Health*—To recognize the obligation of maintaining health, not only for personal efficiency, but as a contribution to society; to gain an intelligent understanding of the wonderful laws of the physical body and how to maintain one's self in optimum condition by proper diet, exercise, and recreation.

8. *Vocational*—To acquire an appreciation of the true dignity of useful labor; to choose intelligently a vocation befitting the student's natural aptitudes.

## HISTORY

Southern Missionary College was founded at Graysville, Tennessee, in 1893 under the name of Southern Training School. In 1916 the institution was moved to Collegedale, Tennessee, where it opened under the name of Southern Junior College. By 1944 senior college status was achieved, the first degree candidates being graduated in 1946.

## LOCATION

The main college campus is located in a pleasing valley eighteen miles east of Chattanooga and three miles from Ooltewah on the Lee Highway. The Southern Railway line passes through one side of the estate. A bus service operated by the Cherokee Lines serves the college campus. The post office address is Collegedale.

The Orlando campus situated in the "City Beautiful" at the Florida Sanitarium and Hospital provides additional facilities for the Division of Nursing.

## BUILDINGS AND EQUIPMENT

**LYNN WOOD HALL**—The administration building is named in honor of Dr. Lynn Wood, president of the College from 1918-1922. It is a three-story structure housing all the administrative offices including most of the teachers' offices. The chapel seats approximately 550.

**MAUDE JONES RESIDENCE HALL**—The residence hall for women, named for Maude Jones, Associate Professor Emeritus of the College, has accommodations for 186 women. In addition to an apartment for the dean of women, it houses an infirmary, a spread room, and a private parlor. Somewhat extensive remodeling of recent date has added considerably to the housing capacity and added to the attractiveness of the building.

**JOHN H. TALGE RESIDENCE HALL**—The men's residence hall, named for John H. Talge, provides accommodations for 160 men. The panelling of the entrance and lounge has added much to the attractiveness of the building.

**A. G. DANIELLS MEMORIAL LIBRARY**—The A. G. Daniells Memorial Library was completed in 1945. This is a modern library containing more than twenty-eight thousand books and about two hundred current periodicals conveniently arranged and adequately housed for study, reference, and research. A portion of the building is used for lecture rooms. The library is located adjacent to the administration building and is readily accessible from the residence halls.

**EARL F. HACKMAN SCIENCE HALL**—Hackman Hall, modern in arrangement and appointment, a commodious, two-story, fireproof building, contains various lecture rooms and laboratories of the division of natural sciences. This building, completed and dedicated in 1951, was named in honor of the late Earl F. Hackman, friend of the College and for many years chairman of its board.

**HAROLD A. MILLER FINE ARTS BUILDING**—The Harold A. Miller Fine Arts Building, completed in 1953, houses the music department. This two-story, fireproof building provides studios, practice rooms, and an auditorium for recital purposes. It was named in honor of Harold A. Miller, who for many years headed the Music Department.

**COLLEGEDALE TABERNACLE-AUDITORIUM**—The auditorium serves as a place of worship for the Collegedale S. D. A. church. The building is owned by the Georgia-Cumberland Conference and has a seating capacity of 1,200. A Hammond electric organ and a full concert Baldwin grand piano are part of the equipment. This building also serves as a center for the physical education activities.

**ARTHUR W. SPALDING SCHOOL**—This modern one-story, six-room elementary school is one of the most recent buildings to be erected. It serves as a vital part of the teacher-training program.

**HOME ARTS CENTER**—This recently completed building houses the Cafeteria and Student Center on one floor and the Home Economics Department on another floor. This building is not only modern but beautifully appointed throughout.

**ACADEMY BUILDING**—This building contains all the facilities for operating the class program of the secondary school. The few resident students of the academy are housed separately on the campus.

**INDUSTRIAL BUILDINGS**—The industrial buildings include the College Press, Laundry, Cabinet Shop, Broom Shop, Bakery, Creamery, Garage, and College Enterprises.

**STUDENT APARTMENTS**—The college maintains a number of housing units for students as well as trailer camps. Housing is adequate for married students.

**NEW WOMEN'S RESIDENCE**—At present a new women's residence home to house over 300 is in progress. This will contain many attractive features that will make for gracious living.

## ACCREDITATION AND CERTIFICATION

Southern Missionary College is accredited as a liberal arts college by the Southern Association of Colleges and Secondary Schools and is approved by the Tennessee State Board of Education for the preparation of both secondary and elementary teachers for certification.

The Division of Nursing is accredited by the Tennessee State Board of Nursing, is recognized by the Florida State Board of Nurses Registration, and is an agency member of the Baccalaureate and Higher Degree Granting Programs of the Division of Nursing Education of the National League for Nursing.

## MEMBERSHIPS

In addition to the memberships indicated above the college is a member of the Association of Seventh-day Adventist Colleges and Secondary Schools, the Southern Association of Private Schools, the Association of American Colleges, the Tennessee College Association, and the Mid-South Association of Private Schools.

## STANDARDS OF CONDUCT

In the light of the objective of the college to develop men and women of high standards of scholarship and character, integrity, and Christian maturity, those who are accepted thereby pledge themselves to the maintenance of these standards. No religious test as such is applied, but all students are expected to attend the regular religious exercises and to abide by the regulations given in the student handbook or announced by the faculty. These regulations are in harmony with what experience has demonstrated to be sound standards of Christian conduct.

A student who finds himself out of harmony with the standards and objectives of the college, who is unresponsive and not cooperative, or who violates his pledge may be asked to withdraw without specific charge.

Disciplinary action is usually not of a summary nature except for serious moral offenses. The student has every opportunity to respond to cautions, warning, censure, or other action such as probation and suspension; but patient dealing should not be interpreted as indulgence or toleration of attitudes or actions out of harmony with the regulations.

A full statement of the regulations is to be found in the student handbook, *SMC and YOU*, which is available to every student upon application.

## THE SCHOOL TERMS

The college operates on the semester plan, the school year consisting of two semesters and a summer session. The separate announcement for the summer session is available in May and may be secured from the Admissions Office.

## LEAVES OF ABSENCE

Students who reside in the college residence halls are required to arrange leaves of absence with the Dean of Men or the Dean of Women. If the absence involves missing of class work the signature of the Dean of the College is also required on the leave of absence blank.

## MARRIAGE

No student will be given permission to marry during the school term. Secret marriage is sufficient reason for dismissal.

## USE OF MOTOR VEHICLES

Unmarried students are subject to restriction first in the matter of bringing motor vehicles to the campus or vicinity and secondly in their use even though they may be authorized. These conditions have to do with the securing of a permit, registration with the residence hall dean, payment of a parking fee of \$10 a semester or a storage fee of \$10 a semester for unauthorized cars, proper insurance, etc. Any student who desires to bring a motor vehicle should first correspond with the dean of the residence hall concerned.

# STUDENT LIFE AND SERVICES

## STUDENT ORGANIZATION

The extra-curricular program is designed to offer to every student opportunity for the development of initiative and leadership. The Student Association is a highly organized body which in cooperation with the faculty is entrusted with a large responsibility in implementing the policies and principles which the college represents. The Dean of Student Affairs works as liaison officer to coordinate the work of the faculty and the Student Association.

## GUIDANCE AND COUNSELLING SERVICE

The counselling service is organized and directed by the Dean of Student Affairs who will arrange for the choice of a personal counsellor for each student. Additional counsel is provided by administrative personnel and by the heads of departments who will advise students on scholastic questions related to their major field. The Director of the Testing Service works in close cooperation with the counselling service in providing guidance information to both students and counsellors.

## PLACEMENT

One of the personnel services is that of assisting graduates in securing appointments for service. The placement office distributes information concerning each prospective graduate to a wide list of prospective employers and acts as liaison office to bring graduates and employer together by supplying recommendations and other information necessary.

## RESIDENCE

All unmarried students who do not live with parents, close relatives, or legal guardians are expected to live in the residence halls on the campus. If accommodation is not available in the school homes, mature students may be granted permission to live in approved community

homes by the President's Council. Information about necessary room furnishing to be supplied by the student may be found in the student handbook.

## PUBLICATIONS

The Student Association publishes the bi-weekly *Southern Accent* and the yearbook *Southern Memories*. *The Campus Accent*, a single sheet publication of announcements for distribution in chapel, is also published by the Student Association. These student publications are under the sponsorship of the instructor in journalism.

## HEALTH SERVICE

The health service is directed by the resident school nurse in co-operation with the school physician. The Clinic is located on the campus. The general fee paid by each student upon entrance covers certain medical services without additional charge. A list of these services is handed to each student at the time of registration.

## CAMPUS ORGANIZATIONS

More than thirty campus organizations give ample opportunity to develop student initiative and leadership. They may be classified under four divisions; namely, church related organizations, social clubs, professional clubs, and special interest or hobby clubs.

The church related organizations are the MV Society, Ministerial Seminar, Christ's Foreign Legion, American Temperance Society, the Colporteur Club, and the Usher's Club.

The professional clubs are organized by departments with student leadership under the sponsorship of the department or division head.

The social clubs are organized according to place of residence. These are the Married Couples' Forum; Upsilon Delta Phi, the men's club; and Dasowakita, the women's club.

## ALUMNI ASSOCIATION

Broadly speaking Southern Missionary College is a living institution made up of its alumni, faculty, and students. The Alumni Association promotes the interests of the school, fosters a spirit of friendship among former students, preserves worthy traditions of the College, and serves mankind through the exemplification and advocacy of the ideals of their Alma Mater.

The General Association holds an annual meeting on the day following Commencement. Local chapters in various sections of the country meet several times yearly. The Association publishes the *Alumni News Bulletin*, its official publication. It is distributed free to Alumni and friends of the College.

The Association maintains an office on the college campus which keeps the records of its regular members, some 2,000 graduates of Southern Missionary College, or of the institutions which preceded it (the Graysville Academy, the Southern Training School, the Southern Junior College). Associate membership in the organization is also granted individuals who have attended this institution at least one semester.

## GRANTS-IN-AID

Grants-in-aid of amounts up to \$100 are allotted to students of sophomore, junior, or senior standing in case of proved financial need provided the citizenship and scholarship are of a high order. Application should be made in writing to the Dean of the College.

A scholarship loan fund is also maintained by the Alumni Association from which loans are made under conditions similar to the grants-in-aid. Applications for scholarships should be made to the Alumni Scholarship Committee through the Secretary of the Alumni Association.

## EMPLOYMENT SERVICE

The College operates a variety of industries which provide considerable employment for students in financial need. These work opportunities provide a training in vocational skills as all work is done under trained supervisors.

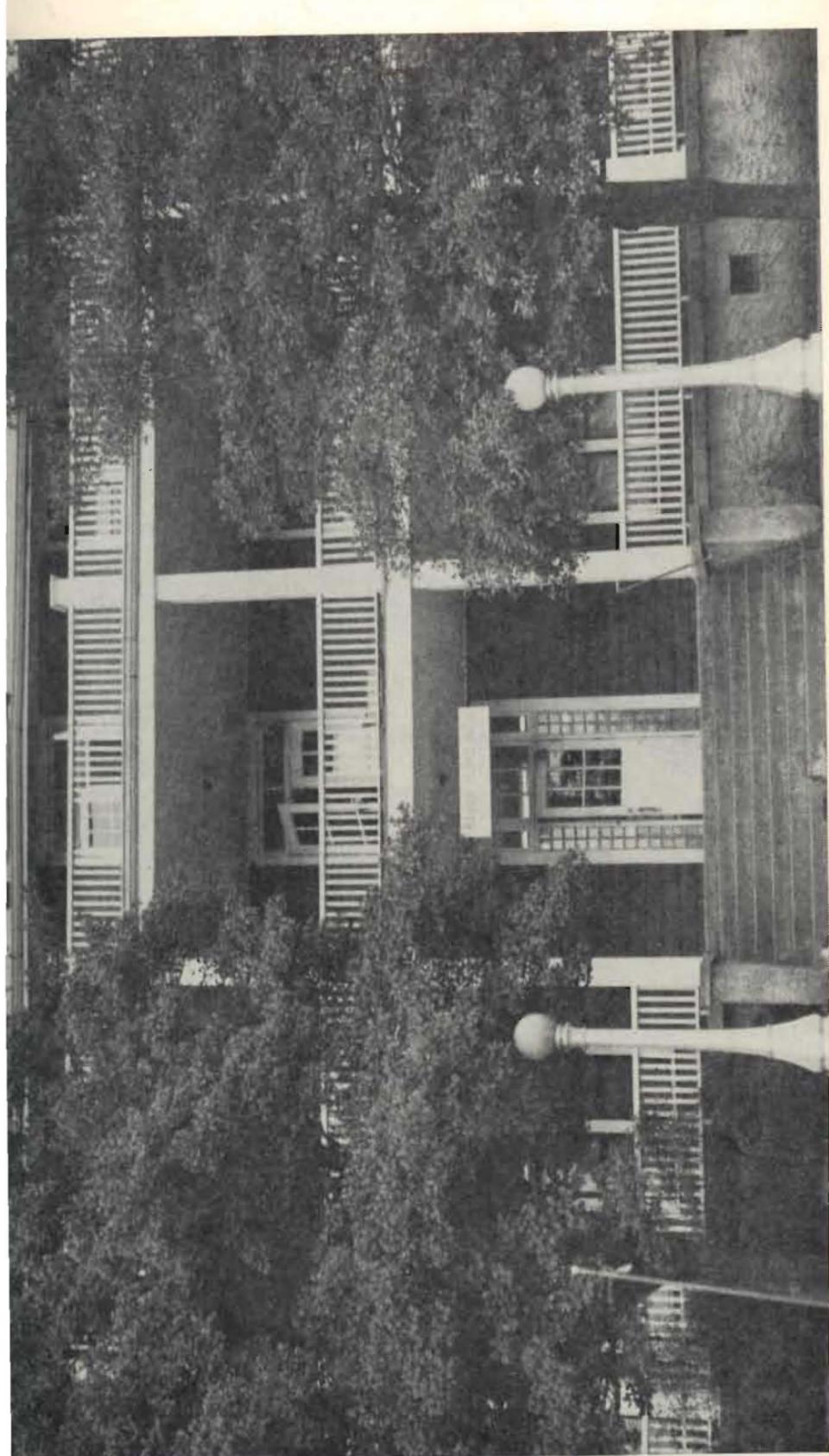
## LYCEUM COURSE

The College sponsors a lyceum course of high-class material that is at the same time both educational and entertaining. This consists primarily of travelogues, music, and lectures.

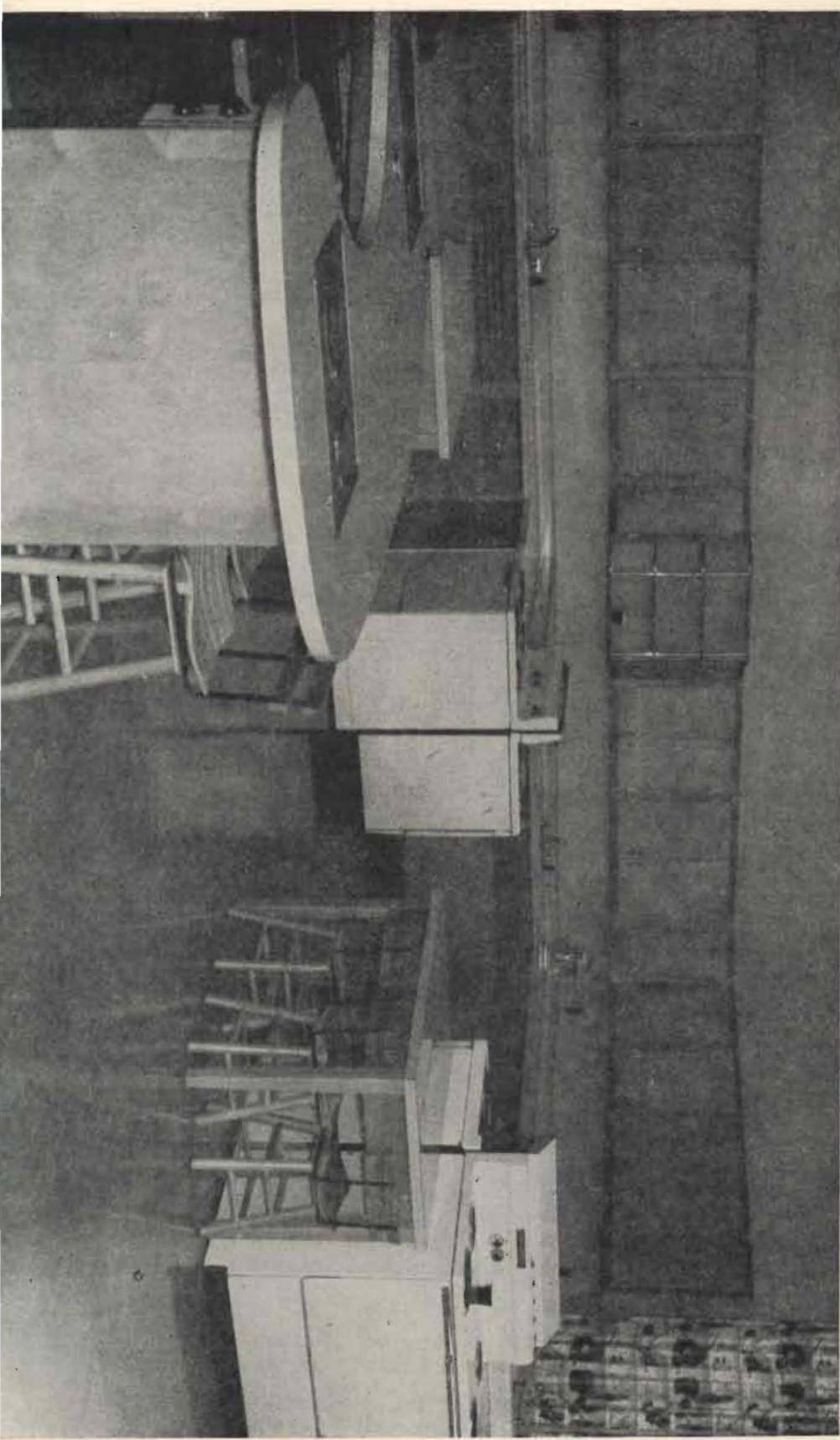
## EXTRA-CURRICULAR ACTIVITIES

Students may hold extra-curricular offices according to the standards as defined in the Student Association Constitution.

All lists of students chosen for office must be submitted to the academic dean for approval before the student may be asked to accept the responsibility.



Maude Jones Hall



# ACADEMIC STANDARDS

## ADMISSION

### APPLICATION PROCEDURE

As a private Christian institution, Southern Missionary College follows the policy of determining admission on the basis of character and citizenship as well as of scholarship. Formal application is made on a blank furnished by the Admissions Office. All correspondence concerning admissions should be addressed to the Secretary of Admissions. Each application should be accompanied by a processing fee of \$2 which is not refundable. Ordinarily about a month is necessary to process an application.

The College takes the responsibility of securing transcripts of the applicant's previous scholastic record. All transcripts become the property of the College.

### ADMISSION PROCEDURE

A student may be admitted by graduation from a state or regionally accredited secondary school without qualifying examination. Applicants from unaccredited schools may be admitted on a provisional basis upon passing entrance examinations.

The subject requirements for admission to the various curricula will be found on page 36. The student is advised to give emphasis in his secondary school to those basic subjects which will prepare for any liberal arts curriculum.

### ADMISSION TO ADVANCED STANDING

A candidate for admission from another regionally accredited college may receive credit without examination subject to the following requirements:

- a. Receipt of official transcript or transcript of the complete previous scholastic record.
- b. A record of entrance tests taken previously and a statement of withdrawal with an honorable record.
- c. Evidence of satisfying the entrance requirements of this college.

### PROVISIONAL ADMISSION—TRANSFER

Credit is recorded provisionally at the time of admission but will not become part of the student's permanent record until the student has satisfactorily completed not less than twelve semester hours in this institution. Not more than 72 semester hours or 108 quarter hours may be accepted from a junior college.

### ADMISSION BY EXAMINATION

Applicants over twenty-one years of age who have had at least eight solid secondary units may be admitted on the basis of passing the General Educational Development tests with a minimum score of 45 on each test and an average standard score of 50 on the total of five tests.

### ADMISSION OF VETERANS

Veterans are admitted on the same basis as applicants over twenty-one years of age referred to in the preceding paragraph. Educational credit earned while in service will be evaluated on the basis of the recommendations found in the Guide of the American Council on Education.

### CLASSIFICATION OF STUDENTS

The classification for which a student qualifies at his first registration ordinarily continues through both semesters. Applications for reclassification at the beginning of the second semester may be made to the Academic Dean except that officers of classes may not be reclassified and a student may not be classified as a senior until he is a candidate for graduation in May or August of the current year. All students are classified under one of the following categories:

**FRESHMEN**—Graduation from secondary school.

**SOPHOMORES**—Those who have completed at least 24 semester hours. A sophomore may not take upper biennium courses unless he has completed 50 lower biennium hours, except certain sequence courses approved by the Dean.

He may however register for one or more upper biennium courses, for upper biennium credit, provided (1) he has earned, with an average of "C" or above, fifty hours including basic freshman and sophomore courses already taken, and (2) his current registration completes the fulfillment of lower biennium basic and major requirements.

**JUNIORS**—Those who have at least 56 semester hours with a cumulative average of C, and who have completed the basic requirements as listed on pages 36, 37.

**SENIORS**—Those who have completed 96 semester hours and are candidates for spring graduation. Summer graduates form a separate class if they have completed 118 hours at the close of the second semester.

All required freshman courses must have been completed before the student reaches senior standing. Required freshman courses left until the senior year must be taken without credit.

**Adult Special Student**—A mature person who does not meet regular admission requirements may be permitted to take lower biennium work to a maximum of twelve semester hours. To continue further he must regularize his admission.

**Unclassified Student**—A student who is qualified to enter on a regular basis but who does not plan to complete a curriculum is registered as an unclassified student.

## ACADEMIC REGULATIONS

### REGISTRATION

Registration will take place September 5-7. Placement and aptitude tests will be given for all new students as a guide to registration.

A late registration fee of \$5 is charged after registration week. Students may not register more than two weeks late except by permission of the Dean. The course load of a late registrant will be reduced one semester hour for each week of lateness.

### CHANGES IN PROGRAM

Changes in registration may be made during the first two weeks of a semester without cost upon the consent of the advisor and the Dean. After the second week any change in registration, whether adding, dropping, or exchanging courses, carries a fee of \$2.

Students may not change from one section of a class to another except by permission of the Dean.

A student may withdraw from a course up to the fourth week of a semester with a grade of W. From the fourth week to the twelfth week the grade recorded will be W or WF. For withdrawal after the twelfth

week a grade of F will be recorded unless the withdrawal is because of unavoidable circumstances approved by the Dean, in which case a grade of W will be given.

### CLASS LOAD

A full-time student is one who is registered for twelve or more semester hours. Except by permission of the President's Council a student living in the residence halls must carry a minimum of eight semester hours. If a student is working to defray expenses, his course load will be adjusted according to his scholastic ability. Students of superior scholarship may register for a maximum of 18 hours by permission of the Academic Dean, a 1.5 grade point average being the minimum qualification to make such a request. Correspondence work is computed as part of the current load.

No appointment, work assignments, field trips or other activities that would interfere with the student's regular schedule of school work may be asked of the students without specific arrangement with the Dean in advance.

### SCHOLARSHIP STANDARD

Students who fail to maintain a C average are considered on a provisional or probationary status. An average of C is the basis of admission and a requirement for graduation from all curricula. A student who may be admitted with less than a C average must raise his average .2 each semester; otherwise, his program will be reviewed for the purpose of reducing his class load or labor load or both. Students may not continue indefinitely doing less than C average work. Furthermore, a student on this status is restricted in the number of extracurricular responsibilities which he may carry. The maintenance of a high scholastic record is considered as a most important consideration for the student's own welfare.

### COURSE NUMBERS

Courses numbered 1 to 49 are lower biennium courses taken mainly by freshmen, and 50 to 99 mainly by sophmores; those numbered 100 to 149 are upper biennium courses open primarily to juniors, and 150 to 199 open primarily to seniors.

Course numbers that stand alone (e.g., 56) represent courses of one semester which are units in and of themselves.

Course numbers separated by a hyphen (e.g., 1-2) represent year courses, the semesters to be taken in order given. Credit for the first semester only will not apply toward graduation from any curriculum.

Course numbers separated by a comma (e.g., 41, 42) represent units in and of themselves either one of which may be counted for graduation without reference to sequence.

Course numbers separated by a colon (e.g., 11:12) are year courses in which credit for the first course is a prerequisite to the second; however, credit may be given for the first semester when taken alone.

### CORRESPONDENCE WORK

A student will be permitted to carry correspondence work while in residence only if the desired course is unobtainable at the College. All correspondence work whether taken while in residence or during the summer must be approved in advance by the Dean.

The maximum amount of correspondence which may apply toward a degree is twelve semester hours and eight hours for two-year curricula.

Correspondence credit on the upper biennium level may not apply toward the student's major or minor. A student may not repeat by correspondence a course in which he has received a grade of F in this institution.

Correspondence work must carry a grade of C or above to be recorded. C grade correspondence work may not apply toward a major unless by a validation examination. However, A or B grade correspondence may apply toward a major without a validating examination.

A senior doing correspondence work must have a transcript of his final grade in the Registrar's office at least nine weeks before graduation.

No correspondence credit will be entered on the student's record until he has earned a minimum 12 hours in residence with an average of at least C.

### AUDITED COURSES

A student may audit only non-laboratory courses. Audited courses do not carry credit, the tuition being half the regular charge. In computing a student's course load, an audited course counts as half. A student may not repeat an audited course for credit.

### ATTENDANCE AT CLASS APPOINTMENTS

No class absences are allowed except for illness, authorized school trips, or emergency; hence the student may incur a reduction in grade for any unexcused absence. Excusable absences are those occasioned

by illness, authorized school trips, or emergency, and when so recognized by the Dean of the college the student may be permitted to make up the work lost. Such requests must be presented to the Dean within 48 hours after the student resumes attendance, and the work must be made up within a week after the absence.

Teachers will send a report to the Dean's office when the number of absences in a course equals the number of class appointments for two weeks. If the total number of absences in any semester exceeds the number of class appointments in a two weeks' period the teacher will consult with the Dean as to whether the student will be allowed to continue the class or get a grade of FA. Cases of such students may be reviewed by the Academic Policies Committee upon petition of the student.

The school nurse or the deans of the school homes will turn in lists of ill students to the Dean's office each day before noon.

All students whether in the dormitory or community must report to the school health officer in order to have an absence recognized as excusable for the purpose of making up work.

Absences immediately preceding or following a vacation period, announced picnic, field day, or from the first appointment of the second semester, by a student in attendance the first semester, carry penalties. The penalty for missing each class period shall be equivalent to the penalty for missing two regular class periods.

**Tardiness.** Students who are late for class must report such fact to the instructor before leaving the classroom; otherwise the tardiness will count as an absence. At the discretion of the teacher, three reported tardinesses may be counted as one absence; also students who leave class without permission are counted absent.

#### CHAPEL ATTENDANCE

In principle the chapel absence policy is the same as for class absence in that no absences are allowed except for illness, authorized school trips, or emergency. If the number of unexcused absences in any one semester exceeds the number of chapel periods in one week, the student will be asked to reregister at a cash fee of \$5.00. Additional unexcused absences will subject the student to disciplinary action by the President's Council.

A student leaving chapel after the record has been taken will be counted absent. If a student is tardy three times, it will be counted as one absence.

## GRADES AND REPORTS

Mid-semester and semester reports of the scholastic standing of each student are issued to the student and his parent or guardian. Semester grades are kept on permanent record by the College.

The following system of grading is used:

	Grade Points per Semester Hour
A—Superior .....	3
B—Above average .....	2
C—Average .....	1
D—Below Average .....	0
F—Failure .....	Minus 1

If a student is found cheating his entire grade to that point becomes F.

E—Warning for "below passing" scholarship. This grade may be given only at the nine weeks period.

I—Incompletes because of illness of other unavoidable delay. An incomplete grade must be removed by the end of the first six weeks of the following semester.

A teacher may not give an incomplete grade without authorization from the Dean. A student who believes he is eligible for an incomplete must secure from the Registrar's Office the proper form on which he may file application with the Dean to receive an incomplete.

Wf—Withdrew failing ..... Minus 1

Au—Audit

S—Satisfactory (for music organizations only)

U—Unsatisfactory (for music organizations only)

FA—Failed because of poor attendance record

NC—Non-credit

A grade correctly reported to the Registrar can be changed only upon repetition of the course. No grade above a D may be repeated for the purpose of raising it. When a course is repeated to raise a grade, it must be done before a more advanced course in the same field is completed. Credit may not be earned in the course after a more advanced course in the same field has been taken. No grades will be recorded for a course for which the individual concerned has not registered. After a semester grade has been recorded no change in credit for the course may be made.

## THE DEAN'S LIST

The Dean's List consists of those who carry a minimum of twelve semester hours and maintain a grade point average of 2.5 or above with 3.0 as the possible maximum.

### SCHOLARSHIP REPORTS

Mid-semester and semester reports of scholastic progress are supplied to the student and his parents or guardian. Only semester grades are permanently recorded.

### SPECIAL EXAMINATION

Special examinations are given when justified by circumstances such as illness or necessary absence from the College. Permits are issued by the Dean at a fee of \$2 and presented by the student to the teacher concerned. Such examinations must be taken within two weeks after student's return to class.

### EXEMPTION BY EXAMINATION

A student may be exempt from a required course by passing a comprehensive examination with a grade of at least C. The purpose of this provision is to allow a student to take advanced work when he has already covered the material of a prerequisite course. No hours of credit are allowed on such an examination. Authorization for such examinations are by action of the Academic Policies Committee. The fee is \$2.

### NON-CREDIT COURSES

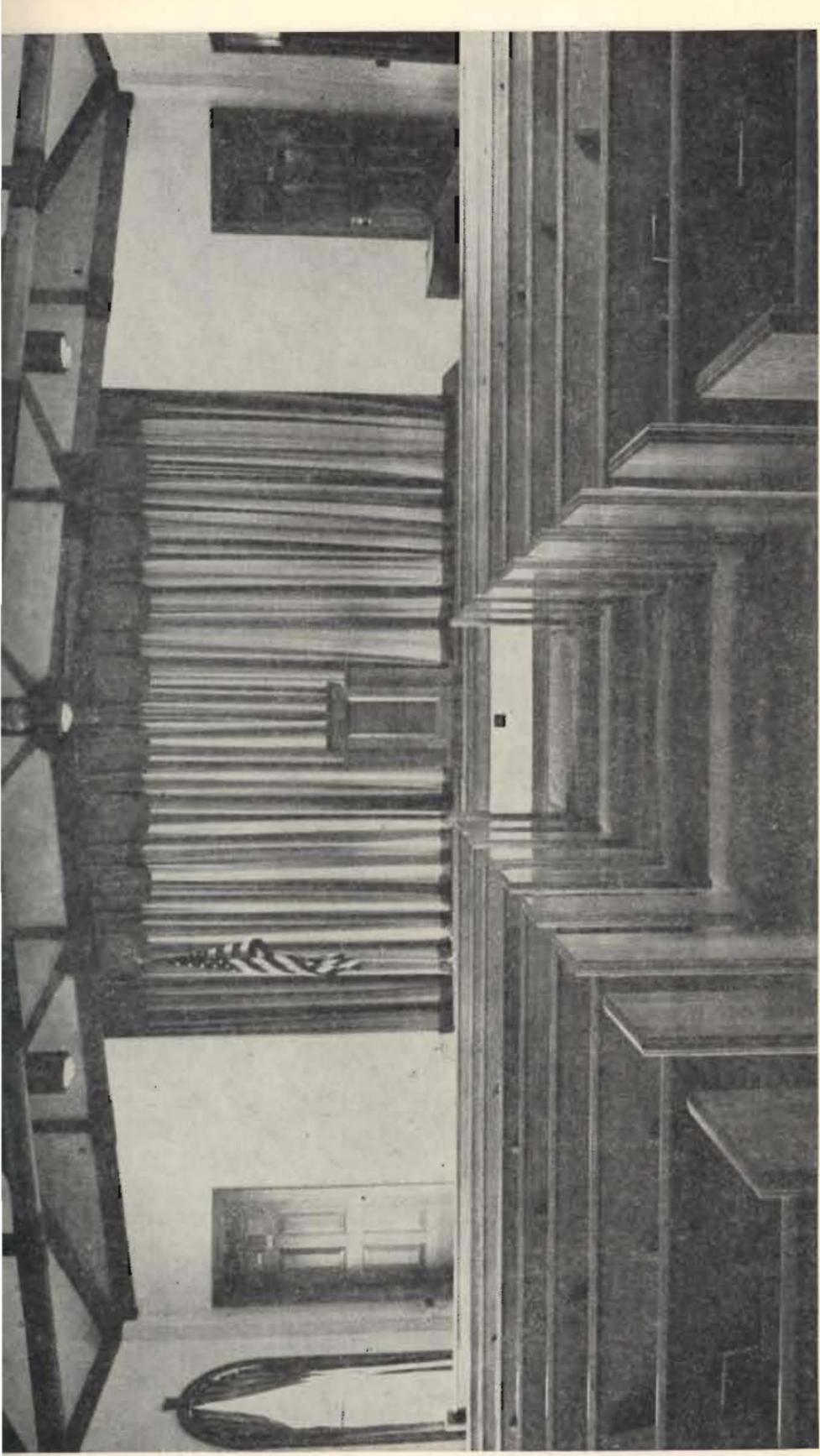
Courses may be taken on a non-credit basis in the following areas, the tuition charge being the same as for credit.

Music Organizations

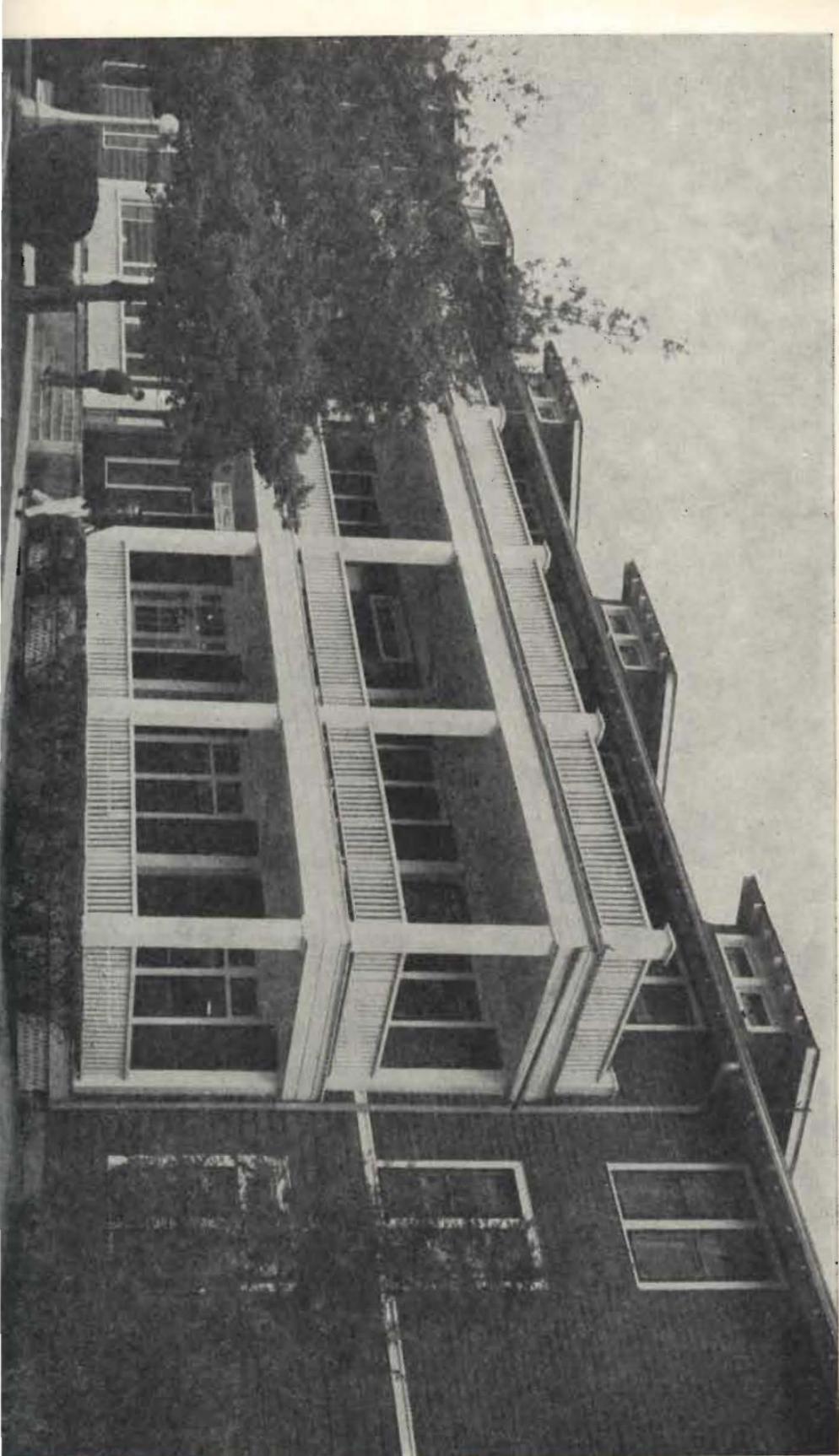
Applied Music

Typing

Physical Education Activity Courses



Fine Arts Chapel



# GRADUATION STANDARDS

## DEGREES AND CERTIFICATES

The college confers three degrees: Bachelor of Arts, Bachelor of Music, and Bachelor of Science. All require the completion of 128 hours with an average of C.

The Bachelor of Arts degree is conferred upon students who have fulfilled the basic requirements together with a major field of concentration and a minor of 18 hours. A major or a minor may be chosen from any of the following fields, the major usually consisting of 30 hours and the minor of 18.

Biology	History
Business Administration and Economics	Mathematics
Chemistry	Music
Communications	Physics
Elementary Teacher Education	Religion
English	Spanish
	Theology

In addition to the above fields a minor may be earned in Physical Education, Speech, German and Art.

The Bachelor of Science Degree is conferred in twelve fields listed below. The number of semester hours required for the field of concentration varies according to the particular field as noted below. The minor consists of 18 hours in each field.

Accounting .....	48	Natural Sciences .....	36
Business Administration ....	40	Nursing .....	62
Chemistry .....	40	Physics .....	40
Foods & Nutrition .....	30	Secondary Education ....	18-26
Home Economics .....	30	Secretarial Science .....	30
Medical Secretarial .....	30	Teacher Education .....	18-26

In addition to the above fields a minor may be earned in Physical Education, German, and Speech.

The Bachelor of Music in Music Education and the Bachelor of Music in Performance consist of 128 hours, 59-60 of which are in various areas of music, but there is no minor.

In addition to the above four-year curricula leading to a degree, a number of two-year curricula are offered leading to a diploma. These are:

Bible Instructor  
Secretarial Science

Home Economics  
Medical Secretary

The pre-professional and pre-technical curricula are as follows:

Pre-Medical  
Pre-Dental  
Pre-Laboratory Technician  
Pre-Physical Therapy  
Pre-X-ray Technician

Pre-Optometry  
Pre-Pharmacy  
Pre-Engineering  
Pre-Law

## GENERAL GRADUATION REGULATIONS

1. A minimum of 128 semester hours.
2. A major and a minor or two majors.
3. A minimum of 40 semester hours of upper biennium credit.
4. An average of C on the total hours and an average of C on all work taken at this college.
5. Completion of the basic or core requirements for a baccalaureate degree.

A student may graduate under the bulletin of the year in which he entered or the one in which he completes his work. If he discontinues for a period of 12 full months or more he must qualify according to the bulletin current upon his return.

A student who qualifies for a degree in one field of concentration may qualify for a second degree by meeting the additional requirements.

## GRADUATE RECORD EXAMINATIONS

All candidates for a baccalaureate degree are required to take the graduate record examinations during the last semester of the senior year. These examinations are important to the student's record of work as many graduate fields are open only to those who can present a satisfactory record on these examinations.

### CANDIDACY FOR GRADUATION

To be graduated, a student must have completed all requirements for graduation. A student may become a candidate for graduation when he enters upon the semester during which it will be possible for him to complete all the requirements for his graduation. Candidates for graduation at the close of the ensuing summer session will participate in the summer graduation exercise.

Formal application for graduation should be made at the Registrar's Office during the first semester of the senior year. All resident candidates for graduation must be members of the senior class. Seniors who did not participate in the junior class of the previous year are assessed an amount equal to the junior class dues.

The responsibility for meeting graduation requirements rests primarily with the student. He should acquaint himself with the published requirements and plan his course so as to fulfill them, for he is eligible for graduation only when the records in the Registrar's Office show he has met all the requirements listed in the college catalog.

### GRADUATION WITH HONORS

A candidate for graduation with a grade point average of 2.5 or above, and whose record shows no grade lower than a "C," may be considered for graduation with honors. The Academic Policies Committee recommends the candidate to the faculty for approval of this honor. Transfer students must have earned 36 hours in residence to qualify for graduation with honors.

### GRADUATION IN ABSENTIA

Each candidate for graduation must be present to receive his diploma unless granted written permission by the President of the College to be graduated *in absentia*. Written application should be made early in the second semester of the senior year and permission will be granted only in cases of evident necessity. A ten-dollar fee is assessed on all those graduating *in absentia*.

### RESIDENCE REQUIREMENTS

Not less than 24 hours of the 128 hours must be earned in residence in this college, twenty of which must be in the senior year. At least six hours in the major field and a minimum of three hours of upper biennium credit in the minor must be earned in this college.

## THE BACCALAUREATE DEGREES

### ENTRANCE REQUIREMENTS

Graduation from a secondary school with at least a C average. The following are the minimum secondary requirements:

English .....	3 units
Language .....	2 units
Mathematics (Must include Algebra 1 unit) .....	2 units
Natural Science .....	2 units
for Bachelor of Arts curricula, otherwise, one unit	
Social Science .....	2 units
for Bachelor of Arts curricula, otherwise, one unit	
Religion .....	1 unit
for each year of attendance in an academy up to 3 units	

### CORE CURRICULUM REQUIREMENTS FOR ALL BACCALAUREATE DEGREES

These are the same for all degree curricula unless indicated otherwise in the write-up of the curriculum concerned and are as follows:

**ENGLISH** ..... 10 hours

Six hours must be in Freshman English, which is to be taken in the freshman year. The remaining four hours must be in literature and should be taken in the sophomore year.

**FINE ARTS** ..... 4 hours

Required: Art 60 or Music 61.

**FOREIGN LANGUAGES** ..... 6-14 hours

1. Six hours of the foreign language in which two units have been earned in secondary school. To be taken in the freshman or the sophomore year.
2. Fourteen hours in one language, if different from the language in which two units have been earned in secondary school, should be taken if possible in the freshman and sophomore years.
3. Fourteen hours in one language, if no foreign language or less than two units in one foreign language was taken in secondary school, should be taken if possible in the freshman and sophomore years.
4. This requirement may be fulfilled by credit in Greek, Latin, or a modern foreign language.
5. Any student whose mother tongue is not English may be exempted from the foreign language requirements if he presents three secondary units of his native language on his transcript.

**HEALTH** ..... 1 hour

Required: Health 7, 8, or equivalent. Must be taken in the freshman or sophomore year.

## NATURAL SCIENCES—MATHEMATICS ..... 12 hours

May be selected from the fields of Biology, Chemistry, Mathematics, and Physics. Six hours sequence must be selected from a science field with laboratory to be completed in the freshman and sophomore years. (Bus. Math., Fundamental Concepts or Functional Math., not accepted.) Nutrition 2 may also apply as 2 hours Science credit if registered for as Chemistry 6.

## RELIGION ..... 12-16 hours

A student presenting three or more units of credit in Bible from the secondary school needs twelve hours; one presenting two units, fourteen hours; and one presenting one unit or less, sixteen hours. Approximately half of this requirement should be taken in the freshman and sophomore years. Transfer students from other colleges will take four hours for each year of attendance with a minimum of six hours for graduation. Bible Survey required of those who had no religion subjects in secondary school.

## SOCIAL SCIENCES ..... 12 hours

Six hours must be in a history sequence taken in the freshman or sophomore year. The remaining six hours may be any courses in history, political science, geography, or sociology 20. Those who have not taken World History on the secondary level must include Survey of Civilization, six hours.

## APPLIED ARTS ..... 4 hours

Must be chosen from courses in Industrial Arts, Graphic Arts or Home Economics. A waiver of the Applied Arts requirement may be granted only on the basis of vocational credit earned on a classroom or laboratory basis on the college level in an approved institution.

*Two of the following subjects are required of degree candidates: Fundamentals of Education 21, Prophetic Gift 5, Health and Religion 53.*

NOTE: While it is preferable to take as many of the Core Curriculum requirements as possible on the freshman and sophomore level, a student will *not* be required to complete all of them before registering for upper biennium work. However, the following basic requirements *must be met* before the student registers for any upper biennium course.

Foreign Language .....	6	Religion .....	4-6
Natural Sciences and Mathematics ..	6	History .....	6
English .....	6		

## MAJORS AND MINORS

MAJOR REQUIREMENTS. The student should choose a major field of specialization preferably by the beginning of the second semester of the sophomore year. Specific requirements for majors are given immediately preceding the description of courses in the several departments of instruction.

Each major consists of a minimum of thirty semester hours of which fourteen must be upper biennium credit and six of these must be earned in this college.

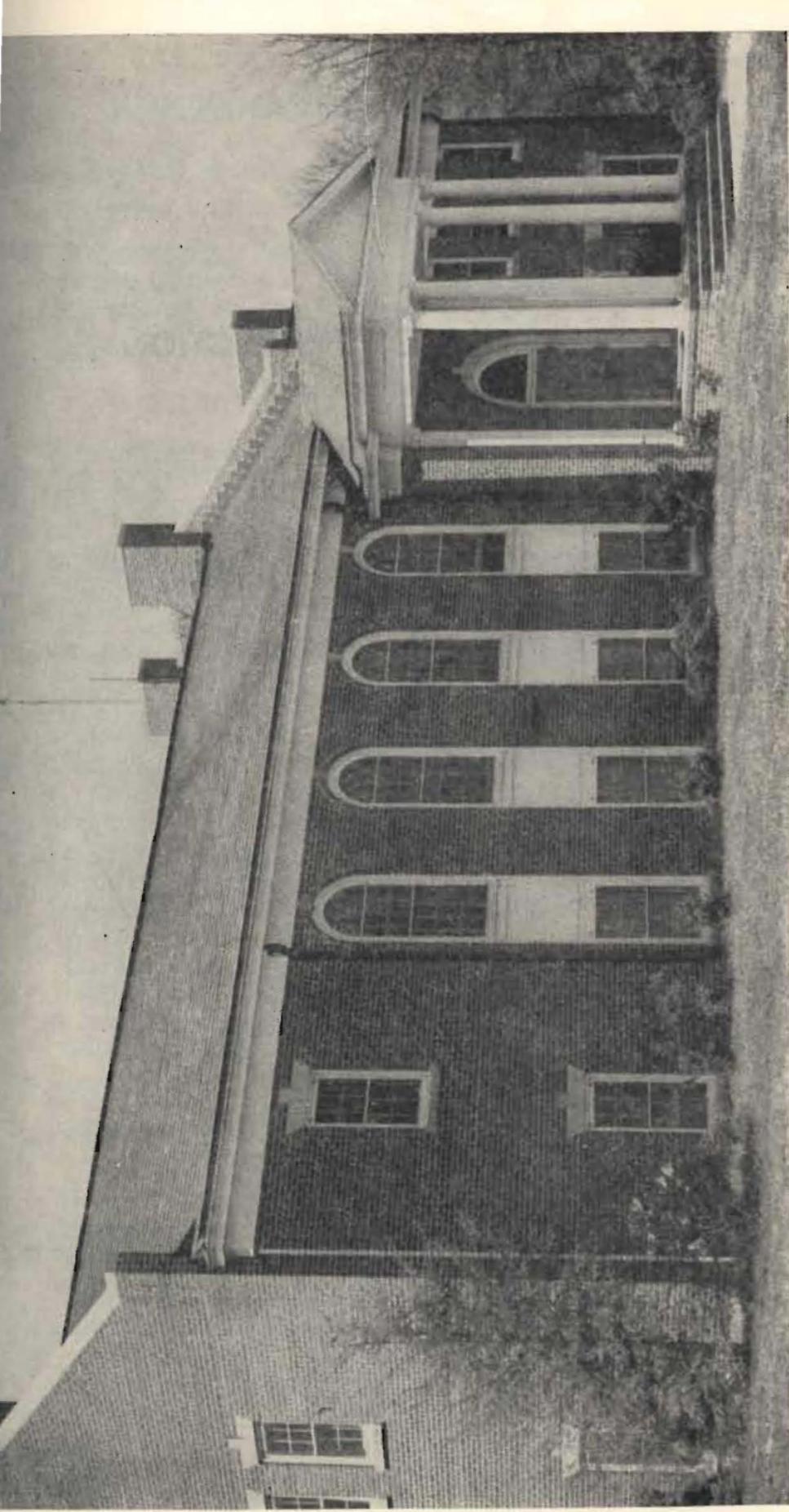
No course in which a student has received a grade of "D" may apply on a major or minor.

**MINOR REQUIREMENTS.** A student should choose his minor field not later than the beginning of the second semester of the sophomore year. A minor may not be earned in the field chosen for the major. All minors consist of eighteen semester hours except Religion which consists of the core curriculum requirements plus six hours, and English which is twenty-one.

Six hours of a minor shall be earned in the upper biennium. A minimum of three hours of upper biennium credit on the minor must be earned in this college.

The fields in which minors may be earned are given below. See the appropriate section under "Division of Instruction" (page 47) for further information.

Biblical Language	Mathematics
Biology	Medical Secretarial Science
Business and Economics	Music
Chemistry	Physics
Communications	Physical Education
Education	Psychology
English	Religion
Foods and Nutrition	Secretarial Science
German	Spanish
History	Speech
Home Economics	



Fine Arts Building

## DIVISIONS OF INSTRUCTION

APPLIED ARTS AND SCIENCES .....	41
COMMUNICATION ARTS .....	58
EDUCATION - PSYCHOLOGY - HEALTH .....	66
FINE ARTS .....	81
NATURAL SCIENCES - MATHEMATICS .....	89
NURSING .....	102
RELIGION, THEOLOGY, APPLIED THEOLOGY .....	107
SOCIAL SCIENCES .....	114
PRE-TECHNICAL CURRICULUMS .....	117

# APPLIED ARTS AND SCIENCES

WILBERT SCHNEIDER, *Chairman*; GEORGE GOTTL, RALPH DAVIDSON, DOROTHY CHRISTENSEN, THELMA HEMME, DREW TURLINGTON, CHARLES READ, THERESA BRICKMAN.

## HOME ECONOMICS

The courses in this area are designed to prepare students for a career in some field of Home Economics, and at the same time give cultural and practical knowledge of the essentials of successful home-making.

A separate sequence of courses is presented for students who wish to go into the field of dietetics and institution management.

### Bachelor of Science With a Major in Home Economics

#### COURSE REQUIREMENTS

MAJOR (Home Economics) ..... 30 hours  
Including 1, 2; 5; 21, 22; 25; 41, 42; 132; 181.

Course 2 may be taken for Natural Science credit if taken as Chemistry 6, but may not be counted on both.

Minor .....	18 hours
Education—Psychology 51 .....	3 hours
English 1-2 .....	6 hours
Literature 51, 52 or 61, 62 .....	4 hours
Fine Arts 60 or 61 required .....	4 hours
Health 4, 7, 8 .....	3 hours
Natural Sciences—Mathematics .....	12 hours
Religion .....	12-16 hours
Social Science 82 required .....	12 hours

Electives—sufficient to make a four-year total of 128 semester hours.

Those who plan to do graduate work in Home Economics should include General Chemistry 1-2; Biology 12 and 22; and Economics 71 and 72.

Those who wish to prepare for a teaching career should qualify for teacher certification. See page 68 onward.

A Bachelor of Arts degree with a major in Home Economics may be obtained by meeting the additional requirements given on pages 36 and 37.

### Bachelor of Science With a Major in Foods and Nutrition

#### COURSE REQUIREMENTS

Home Economics majors who wish to meet the requirements for hospital dietetic internships approved by the American Dietetic Association must meet the following requirements:

MAJOR (Home Economics) .....	30 hours
1, 2; 25; 101, 102; 161, 162; 171, 172.	
MINOR .....	18 hours
Business Administration 31 .....	3 hours
Psychology 111; 142 .....	5 hours
English 1-2 .....	6 hours
Literature 51, 52 or 61, 62 .....	4 hours
Fine Arts 60 or 61 required .....	4 hours
Health 7, 8 .....	1 hour
Biology 12, 22 .....	7 hours
Chemistry 1-2; 81; 171-172.	
Religion .....	12-16 hours
Social Science 82 required .....	12 hours

Electives sufficient to make a four-year total of 128 semester hours.

Suggested electives: Home Economics 26 and 132; Economics; Psychology; Education courses.

To meet the requirements for American Dietetic Association membership in other areas of food and nutrition the student must meet the specific requirements for American Dietetic Association membership Plan III. This should be arranged by the individual student in consultation with the head of the Home Economics Department.

**MINOR:** Men and women who are majoring in other fields may take a minor or electives in home economics. A minor in home economics requires 18 hours including Home Economics 1, 2; 21, 22; 25.

A minor in foods and nutrition requires 18 hours including Home Economics 1,2; 25; 161.

## Two-year Curriculum in Home Economics

A two-year curriculum in Home Economics is offered primarily to prepare young women for successful homemaking.

### COURSE REQUIREMENTS

Home Economics 1,2; 21,22; 25; 132; 41,42; 181	23 hours
English 1-2	6 hours
Religion	8 hours
Social Science 82 required	10 hours
Fine Arts 60 or 61 required	4 hours
Health 4, 7, 8	3 hours
Biology 12	3 hours
Industrial Arts 31	2 hours
Electives	5 hours

### FOODS AND NUTRITION

1. FOODS *First semester, 3 hours*  
Basic principles of food composition, selection, and preparation. Two hours lecture and one laboratory period each week.
2. NUTRITION *Second semester, 2 hours*  
Principles of nutrition and their application to everyday living.
- 2a. FOODS AND NUTRITION LABORATORY *Second semester, 1 hour*  
Calculation of the nutritional value of foods, and principles of food preparation, selection and service. A laboratory for nurses and teachers taking Nutrition 2, or others not taking Foods 1. Three hours laboratory each week.
25. MEAL PLANNING *First semester, 3 hours*  
Prerequisite: Home Economics 1, 2 or by approval.  
Menu planning, marketing, meal preparation, and table service. Three 2-hour periods each week.
26. FOOD DEMONSTRATION *Second semester, 2 hours*  
Prerequisite: Home Economics 1, 2 or by approval.  
Designed to present purposes, standards, and techniques of food demonstrations with application to teaching, business, and conducting cooking schools for adult groups. Two 2-hour periods each week.
- 101, 102. EXPERIMENTAL FOODS *Two semesters, 4 hours*  
Prerequisite: Home Economics 1, 2.  
Individual and class problems in food preparation, calculating costs, preparing and serving meals for special occasions. One hour lecture and one laboratory period each week.
161. ADVANCED NUTRITION *First semester, 3 hours*  
Prerequisites: Home Economics 1, 2, 25, and Chemistry 1 and 2 or by approval.  
A study of the principles of normal nutrition as it applies to individuals at different ages. Two hours lecture and one laboratory period each week.

162. DIET THERAPY *Second semester, 3 hours*  
 Prerequisites: Home Economics 161.  
 A study of the principles of nutrition as applied to physiological conditions altered by stress, disease, or abnormalities. Two hours lecture and one laboratory period each week.

\*171, 172. INSTITUTION MANAGEMENT *Two semesters, 6 hours*  
 A study of quantity cookery, menu planning, institutional equipment, purchasing, management-personnel relationships, laboratory experience in college food services, and sanitarium and hospital food services. One hour lecture each week. Laboratory work by appointment.

### HOME MANAGEMENT AND CHILD CARE

41. HOME MANAGEMENT *First semester, 2 hours*  
 A study of family problems and goals with emphasis on planning personal and family schedules, conserving time and energy, financial plans and family housing.

42. ART IN EVERYDAY LIVING *Second semester, 2 hours*  
 The study of principles of art as they are related to everyday problems such as house design and decoration, selection of furniture, flower arrangement, pictures, accessories, and other home furnishings.

61. SOCIAL ETHICS *First semester, 1 hour*  
 Principles of Christian courtesy. Prepares for poised family, social and business relations.

\*112. APPLIED HOME FURNISHINGS *Second semester, 3 hours*  
 Laboratory experience in simple upholstering and professional drapery making. Two 3-hour combined lecture and laboratory periods.

132. CHILD CARE AND DEVELOPMENT *Second semester, 3 hours*  
 A study of the young child, beginning with prenatal care through the years of babyhood and early childhood with the family as a background for growth and development. The physical, mental, and social development studied with special emphasis on nutrition of mother and child. Two class periods and three hours home and nursery school observation each week.

181. PRACTICE IN HOME MANAGEMENT *Either semester, 3 hours*  
 Prerequisites: Home Economics 1, 2, 25, 41.  
 Experience in solving problems of family living, care of a home, budgeting, laundering, entertaining, planning, marketing, preparing and serving meals in the home management apartment for six weeks, projects to be planned before and written up after this period. One class period each week.

### TEXTILES AND CLOTHING

5. CLOTHING SELECTION *First semester, 2 hours*  
 Artistic and economic factors are studied and applied to adult wardrobe planning and selection. Special emphasis is placed on wardrobe needs of college girls. Two one-hour lectures each week.

\*Not offered 1960-61.

21. CLOTHING CONSTRUCTION *First semester, 2 hours*  
 A course in fundamental clothing construction. Basic construction techniques are demonstrated and practiced. Use and alteration of commercial patterns is studied and practiced. One-hour lecture and three hours laboratory each week.

22. CLOTHING CONSTRUCTION *Second semester, 2 hours*  
 A course in fundamental clothing construction with emphasis on fitting and techniques of construction using difficult to handle fabrics. One hour lecture and three hours laboratory each week.

\*119. TEXTILES *First semester, 2 hours*  
 A study of textile fibers and fabrics and factors influencing their construction, finish, and design. Selection and identification for consumer use. Two hours lecture each week.

121. FLAT PATTERN DESIGN AND DRESS CONSTRUCTION *First semester, 2 hours*  
 Prerequisites: Home Economics 21, 22.  
 The use of the basic pattern in dress designing and construction with emphasis on fitting. One hour lecture and one laboratory period each week.

122. TAILORING *Second semester, 2 hours*  
 Prerequisites: Home Economics 21, 22 and 121 or by approval.  
 A study of the techniques of tailoring and their practical application to women's suits and coats. One hour lecture and one laboratory period each week.

141, 142. HOME ECONOMICS SEMINAR *Two semesters, 2 hours*  
 A study of problems, research, and trends in the various fields of home economics. Registration conditional upon consent of instructor.

191. PROBLEMS IN HOME ECONOMICS *Either semester, 1 or 2 hours*  
 To permit the advanced student majoring in Home Economics to do individual work in the field under the direction of a staff member.

## INDUSTRIAL ARTS

To provide an opportunity for anyone with vocational or a vocational interest in any of the various subject fields offered to receive formalized instruction in terminologies, occupational guidance and preferred techniques and practices within that field.

Due to the variation in the types of content included in these courses, the following tabulation is given to indicate the time requirements for credits. Figures in parenthesis indicate hours in preparation:

- 1 period per week (2) 18 weeks 1 semester hour
- 2 periods per week (1) 18 weeks 1 semester hour
- 3 periods per week (0) 18 weeks 1 semester hour

## 1.2. MECHANICAL DRAWING

*Two semesters, 4 hours*

Designed to give fundamental training in the use of instruments, and in the selection of equipment and drawing materials; training in systems of projection and dimensioning practice. One hour lecture and three hours laboratory each week.

## 11, 12. WOODWORKING

*Two semesters, 4 hours*

The study of hand and machine tool processes, with opportunity for working out selected projects in the laboratory. The use and care of tools, selection of projects, shop sketching, finishing processes, and finishing, designing furniture, matching grain, selection of hardware, and methods of displaying finished products. One hour lecture and three hours laboratory each week.

## 15, 16. METALWORKING

*Two semesters, 4 hours*

Principles and practice of electric and oxy-acetylene gas welding; use of cutting tools and other machines, and hand tools used in metal working.

## 17. FUNDAMENTALS OF TYPOGRAPHY

*First semester, 3 hours*

Simple printing fundamentals, typesetting, platen presswork. Essential knowledge to prepare a student for employment in the College Press the second semester. Students with previous printing experience may be employed in the Press concurrently with the first semester's class work. Instead of laboratory one may satisfy the laboratory requirement by working under supervision with regular pay a total of 255 hours in the Press.

## 18. FUNDAMENTALS OF TYPOGRAPHY

*Second semester, 3 hours*

Prerequisite: Graphic Arts 17.

Work is concentrated on composition and presswork with special consideration for proper grouping and spacing of jobs, layout and design, and presswork.

## 31. PRACTICAL HOME ARTS

*First semester, 2 hours*

A course designed to prepare teachers in methods and materials used in teaching home mechanics, and crafts. Important to all elementary teachers for teaching vocational subjects. One hour lecture, three hours laboratory.

## 32. COUNTRY LIVING

*Second semester, 2 hours*

This is a course intended to acquaint students with various phases of country living. It is intended especially to be of assistance to those who make their homes in the suburbs and country sections even though their occupation may not be farming as such. Special attention will be given to gardening, landscaping, soil building, horticulture, poultry, and dairy husbandry. One hour lecture, three hours laboratory.

## \*51, 52. AUTO MECHANICS

*Two semesters, 4 hours*

A general course in the fundamental principles of gasoline engines, their design, timing, cooling, carburetion, and lubrication; automobile body designs, makes and models. One-hour lecture and three hours laboratory per week.

## 67. PROOFREADING AND PROOFROOM TECHNIQUES

*First semester, 2 hours*

A survey of the fundamentals of proofreading and copy preparation, the study of rules and practices regarding book, magazine, and newspaper publishing, and job work. Includes on-the-job practice in handling actual proofroom problems. Open to men and women. Credits for this course can be applied on an English major.

## 79, 80. BUILDING CONSTRUCTION

*Two semesters, 6 hours*

One hour lecture and six hours laboratory each week. A basic tool kit is required. Instruction and practice will be in blueprint reading, building layout, foundations, concrete forming, masonry, electrical wiring, plumbing, wood framing, finish carpentry, floor, ceiling, and wall surfaces, roofs, paints and other protective coverings, erection with components, and numerous other aspects of building construction in our technological era.

## BUSINESS ADMINISTRATION

WILBERT SCHNEIDER, *Chairman*, CHARLES READ, GEORGE GOTTLIEB, RALPH DAVIDSON.

"Not one business man now connected with the cause needs to be a novice. Men of promise in business lines should develop and perfect their talents by most thorough study and training. They should be encouraged to place themselves where, as students, they can rapidly gain a knowledge of right business principles and methods."—*Testimonies to the Church*, Vol. 7, page 248.

### Bachelor of Arts With a Major in Business Administration and Economics

#### COURSE REQUIREMENTS

MAJOR (Business and Economics) .....	30 hours
Including 31:32; 71, 72; and 61:62; 102, 112; 129, 130; 175; or 55, 56; 129, 130; 141; 175.	
MINOR .....	18 hours
English 1-2 .....	6 hours
Literature 51, 52 or 61, 62 .....	4 hours
Applied Arts .....	4 hours
Fine Arts 60 or 61 required .....	4 hours
Foreign Language .....	6-14 hours
Health 7, 8 .....	1 hour
Natural Sciences—Mathematics .....	12 hours
Religion .....	12-16 hours
Social Science .....	12 hours
Typewriting 13 (or 1 unit equivalent) .....	2 hours
Electives—sufficient to make a four-year total of 128 semester hours.	

### Bachelor of Science in Accounting (Leading to Certified Public Accountant Examinations)

#### COURSE REQUIREMENTS

MAJOR (Accounting) .....	48 hours
Including 31:32; 71, 72; 61:62; 55, 56; 102; 112; 131:132; 160; 171; 191, 192; 195.	
MINOR .....	18 hours
English 1-2 .....	6 hours
Literature 51, 52 or 61, 62; Speech 5 .....	6 hours
Applied Arts .....	4 hours

†Due to the heavy requirements in accounting it is recommended that the student minor in religion.

Fine Arts 60 or 61 required .....	4 hours
Health 7, 8 .....	1 hour
Natural Science .....	12 hours
Religion .....	12-16 hours
Secretarial Science 13, 14; 146; 76 .....	7-9 hours
Social Science 53, 54 .....	8 hours
Electives—sufficient to make a four-year total of 128 hours.	

### Bachelor of Science With a Major in Business Administration

#### COURSE REQUIREMENTS

MAJOR (Accounting and Business) .....	40 hours
Including 31:32; 71, 72; 61, 62; 175. Secretarial Science 14, 146, 76. If emphasis is on Accounting add 102, 112. If emphasis is on Business add 55, 56; 129, 130; 141.	
MINOR .....	18 hours
English 1-2 .....	6 hours
Literature 51, 52 or 61, 62 .....	4 hours
Applied Arts .....	4 hours
Fine Arts 60 or 61 required .....	4 hours
Health 7, 8 .....	1 hour
Natural Sciences—Mathematics .....	12 hours
Religion .....	12-16 hours
Social Science .....	12 hours
Electives—sufficient to make a four-year total of 128 semester hours.	

Students who wish to teach and be endorsed in General Business should follow the teacher-training program as noted on page 70.

MINOR: A minor in Business and Economics requires eighteen hours, including Accounting 31:32 and Economics 71, 72.

### ACCOUNTING

#### 11. SECRETARIAL ACCOUNTING *First semester, 3 hours*

A study of the fundamental principles of accounting as applied to mercantile and personal service enterprises. Two types of personal service enterprises are taken up, namely, professional and business. This course is specifically designed to meet the needs of the secretarial and clerical students. Two hours lecture, three hours laboratory, each week.

31:32. PRINCIPLES OF ACCOUNTING	<i>Two semesters, 6 hours</i>
A course in the fundamentals of accounting applied.	
61:62 INTERMEDIATE ACCOUNTING	<i>Two semesters, 6 hours</i>
Prerequisite: Accounting 31:32.	
A course in accounting principles applied to merchandising and industrial enterprises in the partnership and corporate forms. Two hours lecture, three hours laboratory, each week.	
*67. PRINCIPLES OF DENOMINATIONAL ACCOUNTS AND RECORDS	<i>First semester, 2 hours</i>
A course designed to acquaint the student with the accounting and financial records of Seventh-day Adventist denominational institutions, including local churches, conferences, academies, Book and Bible Houses and sanitariums. Credit will not apply on a major in the Business area.	
102. COST ACCOUNTING	<i>Second semester, 3 hours</i>
Prerequisite: Accounting 61.	
The general principles of job order and process cost accounting, including the control of burden. Standard costs and budgets are given attention.	
*112. ADVANCED ACCOUNTING	<i>Second semester, 3 hours</i>
Prerequisite: Accounting 61:62.	
Consideration of problems concerned with consolidated financial statements, partnerships, businesses in financial difficulty, estates and trusts.	
131:132. GOVERNMENTAL ACCOUNTING	<i>Two semesters, 4 hours</i>
Prerequisite: Accounting 61:62.	
A course designed to show and explain the accounting principles and procedures applicable to both state and local governments, including counties, townships, cities and villages, school districts, and certain institutions such as hospitals, colleges and universities.	
*160. AUDITING	<i>Second semester, 3 hours</i>
Prerequisite: Accounting 61:62.	
Accepted standards and procedures applicable to auditing and related types of public accounting work.	
*171. FEDERAL INCOME TAXES	<i>First semester, 4 hours</i>
Prerequisite: Accounting 31:32.	
This course of study is designed to provide a comprehensive explanation of the Federal Tax structure, and to provide training in the application of the tax principles to specific problems.	
The attention of the student is directed mainly to those taxes applicable to the Federal Government, which includes the Income Tax, Social Security, Estate and Gift Tax. Mention is made of State and Local taxes applicable to the State of Tennessee.	
*182. ACCOUNTING SYSTEMS	<i>Second semester, 2 hours</i>
Prerequisites: Accounting 61, 102.	
A study of the problems involved in the design and installation of accounting systems, including the systematizing and detailing of clerical departments of a business. Accounts, forms, reports, charts, and other materials needed will be prepared.	
191, 192. C.P.A. REVIEW PROBLEMS	<i>Two semesters, 6 hours</i>
Prerequisite: By permission of instructor.	

195. STUDY IN ACCOUNTING THEORY *First semester, 3 hours*  
 Prerequisite: Accounting 61:62.  
 A study of accounting concepts in the light of current trends, with emphasis on the development of accounting theory as exemplified by the accounting research bulletins of the American Institute of Certified Public Accountants.

### ECONOMICS AND GENERAL BUSINESS COURSES

A major requirement is made up of suitable courses in economics, accounting, and business. For a detailed statement of the major and the minor requirements in this field see pages 59, 60.

55, 56. BUSINESS LAW *Two semesters, 4 hours*

The nature and social functions of law; social control through law; the law of commercial transactions and business organization.

71, 72. PRINCIPLES OF ECONOMICS *Two semesters, 6 hours*

A survey course in the fundamentals of economics; the institutions, forces, and factors affecting production, evaluation, exchange, and distribution of wealth in modern society.

82. STATISTICS *Second semester, 3 hours*

Prerequisite: Mathematics 11 or permission of instructor.  
 A general survey of the field of statistical procedures and techniques, with major emphasis upon the use and interpretation of statistical data and the mechanics of computation.

\*129, 130. MARKETING *Two semesters, 4 hours*

Prerequisite: Economics 71 required and 72 recommended.  
 The first semester includes fundamentals, and emphasis is on the retailing area of marketing. The second semester is largely concerned with personal selling in the marketing area.

137. SALESMANSHIP *First semester, 2 hours*

A study of the principles underlying the personal selling process in relation to modern sales practices.

138. ADVERTISING *Second semester, 2 hours*

Prerequisite: Economics 71  
 Salesmanship principles as applied to advertising. Analysis and preparation of various types of advertising. Study of advertising media. Principles of advertising campaign organization.

139. MONEY AND BANKING *First semester, 3 hours*

Prerequisite: Economics 71, 72.  
 Mediums of exchange, money and credit, banks and their services, the Federal Reserve System, and other financial institutions are considered.

\*140. ADVANCED BUSINESS ECONOMICS *Second semester, 3 hours*

Prerequisite: Economics 71, 72.  
 Application of economic analysis to the solution of business problems. Consideration of the nature and functions of business profits, the analysis of demand and of costs, the determination of prices, price policies, etc.

141. BUSINESS AND OFFICE MANAGEMENT *First semester, 3 hours*  
 Major emphasis is placed on application of business management principles to the problems of the small business man and on the organizing of business and secretarial offices. Attention is given to the training of office employees, selection of equipment, and flow of work through the office.

\*142. BUSINESS POLICY AND MANAGEMENT *Second semester, 3 hours*  
 An analysis of business policies viewed from the standpoint of the functional characteristics of management processes and current ethics.

\*147. PERSONNEL ADMINISTRATION *First semester, 2 hours*  
 An introduction to the organization, training, motivation, and direction of employees with a view to maintaining their productivity and morale at high levels. Among topics covered are: selection, training, compensation and financial incentives, work standards, techniques of supervision and leadership.

152. BUSINESS FINANCE *Second semester, 3 hours*  
 Prerequisite: Accounting 61:62.  
 A study of the fundamental principles of financial organization. Emphasis on instruments of finance, policies of capitalization, problems pertaining to working capital, and corporate expansion and reorganization.

156. PRINCIPLES OF INSURANCE *Second semester, 2 hours*  
 A study of insurance contracts, underwriting organizations, and insurance representation and procedures.

\*175. BUSINESS ADMINISTRATION PROBLEMS *First semester, 2 hours*  
 A seminar course in management problems including budgets and financial reports.

### SECRETARIAL SCIENCE

The courses in this area of study are designed to prepare young men and young women for work as office secretaries primarily in denominational institutions and for office work in general.

#### Bachelor of Science With a Major in Secretarial Science

##### COURSE REQUIREMENTS

MAJOR (Secretarial Science) .....	30 hours
Including 40, 51, 55, 56; 63, 64; 72, 76, 109	
127 or 112; 128, 146.	
Courses 9, 10, 13, 14 do not apply toward this major.	
MINOR .....	18 hours
Business Administration 11 or 31, 32; 71, 72; 141	12 hours
Education—Psychology 51 .....	3 hours
English 1-2 .....	6 hours
Literature 51, 52 or 61, 62 .....	4 hours
Applied Arts .....	4 hours
Fine Arts 60 or 61 required .....	4 hours

Health 7, 8 .....	1 hour
Natural Science—Mathematics .....	12 hours
Religion .....	12-16 hours
Social Science 53, 54 .....	12 hours
Electives—sufficient to make a four-year total of 128 semester hours.	

### Bachelor of Science With a Major in Medical Secretarial Science

#### COURSE REQUIREMENTS

MAJOR (Secretarial Science) .....	30 hours
Including 40, 51, 55, 58; 63, 64; 73, 76, 77, 78, 128, 136, 146, 177, 178. Courses 9, 10, 13, 14 do not apply toward this major.	
MINOR .....	18 hours
Business Administration 11 or 31, 32; 71, 72; 141	12 hours
Education—Psychology 51 .....	3 hours
English 1-2 .....	6 hours
Literature 51, 52 or 61, 62 .....	4 hours
Applied Arts .....	4 hours
Fine Arts 60 or 61 required .....	4 hours
Health 7, 8, 22 .....	3 hours
Natural Sciences—Mathematics 11:12; 22 .....	12 hours
Religion .....	12-16 hours
Social Science 53, 54 .....	8 hours
Electives—sufficient to make a four-year total of 128 semester hours.	

### Two-year Diploma Requirements in Secretarial Science

#### COURSE REQUIREMENTS

Secretarial Science: 9†, 10†, 13†, 14†, 40, 51, 55, 56; 63, 64; 72, 76 .....	32 hours
Business Administration 11 or 31, 32; 55 .....	5 hours
Education—Psychology 51 .....	3 hours
English 1-2 .....	6 hours
Fine Arts 60 or 61 required .....	2 hours
Health 7, 8 .....	1 hour
Religion .....	6 hours
Social Science .....	2 hours
Electives—sufficient to make a two-year total of 64 semester hours.	

†This requirement may be met by having high school equivalents.

## Two-year Diploma Requirements in Medical Secretarial Science

### COURSE REQUIREMENTS

Secretarial Science: 9†, 10†, 13†, 14†, 40, 51, 55, 58; 63, 64; 73, 76, 77, 78 .....	35 hours
Biology 11, 12 .....	6 hours
Business Administration 11 or 31, 32 .....	3 hours
Education—Psychology 51 .....	3 hours
English 1-2 .....	6 hours
Fine Arts 60 or 61 required .....	2 hours
Health 7, 8, 22 .....	3 hours
Religion .....	6 hours
Social Science .....	2 hours
Electives sufficient to make a two-year total of 64 semester hours.	

**SECRETARIAL SCIENCE MINOR:** Eighteen hours. Required courses: Secretarial Science 55, 56, or equivalent, 63, 64, and 72. Secretarial Science 9, 10, 13, 14, do not apply.

**MEDICAL SECRETARIAL SCIENCE MINOR:** Eighteen hours. Required courses: Secretarial Science 55, 58, or equivalent, 63, 64, and 73. Secretarial Science 9, 10, 13, 14 do not apply.

#### 9. SHORTHAND

*First semester, 4 hours*

Prerequisite: Secretarial Science 13 must be taken concurrently with this course unless the student has had the equivalent.

Fundamental principles of Gregg Shorthand simplified. Five class periods each week.

#### 10. SHORTHAND

*Second semester, 4 hours*

Prerequisite: Secretarial Science 9, or equivalent to one unit of high school shorthand. Secretarial Science 14 must be taken concurrently with this course unless the student has had the equivalent. 70 words a minute required. Five class periods each week.

#### 13. TYPEWRITING

*First semester, 2 hours*

Five class periods each week. One practice period a week is required. Students who have had  $\frac{1}{2}$  unit of high school typewriting may receive 1 hour. Teacher to be consulted for entrance date. 35 words a minute required.

#### 14. TYPEWRITING

*Second semester, 2 hours*

Prerequisite: Secretarial Science 13, or equivalent of one unit of high school typewriting. Five class periods each week. One practice period a week is required. 50 words a minute required.

†This requirement may be met by having high school equivalents.

20. CLERICAL PRACTICE *Second semester, 3 hours*  
 A course designed to develop office initiative and efficient service. The student will learn to perform work related to office machines, voice transcription, mailing, telephoning, and meeting callers as well as personality development, good grooming, and etiquette. Three class periods and two hours laboratory each week.

23, 24. BUSINESS ENGLISH *Two semesters, 6 hours*  
 A course designed for the prospective office worker, stressing spelling, punctuation, grammar, pronunciation and letter writing. This course may not be substituted for English 1, 2.

40. FILING *Either semester, 2 hours*  
 A course in the theory and practice of modern systems of filing.

51. VOICE TRANSCRIPTION *Either semester, 1 hour*  
 Prerequisites: Secretarial Science 14; permission.  
 A course in the operating of voice-writing equipment with emphasis on mailable transcriptions. Three laboratory hours each week.

55. INTERMEDIATE SHORTHAND *First semester, 3 hours*  
 Prerequisite: "C" standing in Secretarial Science 10; simultaneous registration, Secretarial Science 63. Four class periods each week. 90-100 words a minute required.

56. INTERMEDIATE SHORTHAND *Second semester, 3 hours*  
 Prerequisite: Secretarial Science 55 or equivalent; simultaneous registration, Secretarial Science 64. Four class periods each week. 100-120 words a minute required.

58. MEDICAL SHORTHAND *Second semester, 3 hours*  
 Prerequisite: Secretarial Science 55 or equivalent and a speed of 100 words a minute, simultaneous registration, Secretarial Science 64.  
 A study of shorthand outlines for medical terms—their pronunciation, their spelling, and their meaning. Four class periods each week.

63. SECRETARIAL TYPEWRITING AND TRANSCRIPTION *First semester, 2 hours*  
 Prerequisite: Secretarial Science 14 or two units of high school typewriting. Simultaneous registration, Secretarial Science 55.  
 A course in rapid transcription from shorthand notes. Emphasis is also placed on special letter-writing problems, tabulation, manuscripts. Five class periods each week. One practice period is required.

64. SECRETARIAL TYPEWRITING AND TRANSCRIPTION *Second semester, 2 hours*  
 Prerequisite: Secretarial Science 63; Simultaneous registration, Secretarial Science 56 or 58.  
 Mailable transcripts. Special attention given to practice in preparing typewritten outlines, reports, theses, and bibliographies. Five class periods each week. One practice period is required. 60 words a minute required.

72. SECRETARIAL DEVELOPMENT *Second semester, 2 hours*  
 Prerequisite: Ten hours of Secretarial Science, or the consent of the instructor.  
 A study of business ethics, procedures, and techniques used by the secretary.

73. MEDICAL SECRETARIAL DEVELOPMENT *First semester, 2 hours*  
 Prerequisite: Ten hours of Secretarial Science, or the consent of the instructor.  
 A course to prepare students to take care of the specialized duties in a physician's office.

76. BUSINESS MACHINES *Second semester, 2 hours*  
 Prerequisite: Secretarial Science 13, or equivalent.  
 The theory of and practice in the use of the following office machines: key-driven and rotary calculators, full keyboard and ten-key adding listing machines, stencil, and direct-process duplicators. One class period and three hours laboratory each week.

77. LABORATORY SERVICE AND OFFICE NURSING *First semester, 2 hours*  
 Prerequisite: Ten hours of Secretarial Science or the consent of the instructor.  
 This course is designed to give instruction in office nursing techniques; such as sterilization, hypodermics, medicines, contagious diseases, preparing patients for examination, and doing simple laboratory tests. One class period and two hours laboratory each week.

78. CLINICAL OFFICE PRACTICE *Second semester, 1 hour*  
 Prerequisites: Secretarial Science 73 and 77.  
 This course is based on supervised practice in handling actual medical office routine. Three hours of laboratory work each week.

\*109. SHORTHAND REPORTING *First semester, 3 hours*  
 Prerequisite: Twelve hours of Secretarial Science (including courses 55, 56, 63, and 64 or equivalent). Must be enrolled concurrently in Secretarial Science 127.  
 Rapid dictation of congressional and other technical materials. 130-140 words a minute required.

112. DENOMINATIONAL REPORTING *Second semester, 3 hours*  
 Prerequisite: Twelve hours of Secretarial Science (including courses 55, 56, 63, and 64, or equivalent). Must be enrolled concurrently in Secretarial Science 128.

\*127, 128. ADVANCED TRANSCRIPTION *First semester, 1 hour*  
 Prerequisite: Twelve hours of Secretarial Science (including courses 55, 56, 63, and 64, or equivalent). Must be enrolled concurrently in Secretarial Science 109, or 112, or 136.

\*136. ADVANCED MEDICAL DICTATION *Second semester, 3 hours*  
 Prerequisite: Twelve hours of Secretarial Science (including courses 55, 58, 63, or 64, or equivalent). Must be enrolled concurrently in Secretarial Science 128.  
 A course emphasizing medical terminology and continuation of special medical dictation of technical case histories, medical news articles, and lectures.

141. BUSINESS AND OFFICE MANAGEMENT *First semester, 3 hours*  
 Major emphasis is placed on application of business management principles to the problems of the small business man and on the organizing of business and secretarial offices. Attention is given to the training of office employees, selection of equipment, and flow of work through the office.

146. BUSINESS-COMMUNICATION *Second semester, 3 hours*  
 Prerequisite: English 1-2.  
 A study and application of the modern practices in oral and written business communication. Accuracy in grammar, spelling, and punctuation, and the writing of well-knit sentences and clear paragraphs are taught as a means of effective expression in business-letter writing.

151. ADVANCED OFFICE MACHINES *First semester, 1 to 3 hours*  
 A course designed for students who wish to specialize on particular office machines. One class period and three hours laboratory a week for each semester hour of credit.

174. APPLIED SECRETARIAL PRACTICE *Either first or second semester, 1 to 3 hours*  
 Prerequisite: For secretarial science majors and prospective business teachers. This course is based on an activity program which provides practical experience in representative types of office situations.

\*177. MEDICAL SECRETARIAL PROCEDURES *First semester, 2 hours*  
 Prerequisites: Secretarial Science 73, 77, and 78, or equivalent.  
 A course designed to prepare students for advanced duties in a clinical office or hospital office.

178. MEDICAL WORK EXPERIENCE SEMINAR *Second semester, 2 hours*  
 This course is designed to give actual medical secretarial experience before the graduate is called upon for professional performance. To be taken either off or on the campus.

181. SECRETARIAL PROBLEMS *Either first or second semester, 1 or 2 hours*  
 Prerequisite: Open only to seniors majoring in Secretarial Science.  
 Problems are assigned according to the experience and interests of the student.

### One-year Course in Clerical Training

#### COURSE REQUIREMENTS

Secretarial Science: 13, 14, 20, 23, 24, 40 .....	15 hours
Business Administration 11 .....	3 hours
Religion .....	4 hours
Psychology 51 .....	3 hours
Speech 5 .....	2 hours
Physical Education .....	1 hour
Electives .....	4 hours

This one-year course in Clerical Training is designed to prepare students from the secondary schools for general office work. The student will receive training in the use of voice-writing machines, adding machines, and duplicating machines.

A certificate will be given upon completion of this course.

# COMMUNICATION ARTS

CLYDE G. BUSHNELL, *Chairman*; OTTO CHRISTENSEN, OLIVIA DEAN,  
GORDON HYDE, EVLYN LINDBERG, HARRY LUNDQUIST,  
GORDON MADGWICK, WILLIAM TAYLOR, OLIVE WESTPHAL

## ENGLISH

**MAJOR:** A major in English shall consist of 34 hours, including Freshman Composition, four hours of Communications, Survey of American Literature, Survey of English Literature and Advanced Grammar. In addition, English History or its equivalent is required. Students planning to teach are strongly urged to take Problems in the Teaching of Reading and the course Directed Observation and Teaching.

**MINOR:** A minor in English requires 21 semester hours, including Freshman Composition, Survey of American Literature, and Advanced Grammar.

### Bachelor of Arts With a Major in English

#### COURSE REQUIREMENTS

MAJOR (English) .....	34 hours
Including: See paragraph above.	
MINOR in Education recommended .....	18 hours
Fine Arts 60 or 61 required .....	4 hours
Foreign Language .....	6-14 hours
Health 7, 8 .....	1 hour
Natural Sciences—Mathematics .....	12 hours
Religion .....	12-16 hours
Social Science .....	12 hours
Applied Arts .....	4 hours
Electives—sufficient to make a four-year total of 128 semester hours.	

#### 1-2. FRESHMAN ENGLISH

*Two semesters, 6 hours*

Admission to English I depends upon the student's satisfactory performance in the entrance examination sections on mechanics and effectiveness of expression. No grade will be given for Freshman Composition unless the student has achieved a satisfactory score in reading speed and comprehension. See the 01 and 02 courses below. A student failing the first semester will not be permitted to continue with the second semester.

**01. BASIC GRAMMAR** *First semester, 1 hour elective credit*  
 Students whose scores on the English placement tests indicate definite weakness in mechanics and effectiveness of expression are required to register for this class. Concurrent registration in Freshman Composition will be temporary until such a time as the student proves, either by his work or by subsequent placement tests, his ability to master basic grammar. Repetition of the course will be required of anyone who fails the first semester, and if enrolled in Freshman English may not continue with the second semester.

**02. READING TECHNIQUES** *Either semester, 1 hour elective credit*  
 At least one semester of Reading Techniques is required of all students who do not reach the standard set for the reading section of the freshman placement tests.

**3, 4. ENGLISH CONVERSATION FOR FOREIGN STUDENTS** *Two semesters, 2 hours*  
 (Does not satisfy English core requirement.)

**5, 6. ENGLISH GRAMMAR AND COMPOSITION FOR FOREIGN STUDENTS** *Two semesters, 4 hours*  
 (Does not satisfy English core requirement.)

**20-21. ADVANCED FRESHMAN ENGLISH** *Two semesters, 6 hours*  
 A course designed for those students whose placement tests indicate a mature grasp of the fundamentals of English grammar and composition. In such cases it substitutes for English 1-2.

**51, 52. SURVEY COURSE IN AMERICAN LITERATURE** *Two semesters, 4 hours*  
 A study of the chief poets and prose writers in America from pre-Columbian times to the present. Attention is directed to the literary achievements of the Indians, the Spanish Conquistadors, and the writings of the early missionaries on the frontier.

**61, 62. SURVEY COURSE IN ENGLISH LITERATURE** *Two semesters, 4 hours*  
 A study of the chief British writers from Beowulf to the present.

**53. JOURNALISM — NEWS** *One semester, 2 hours*  
 Relation of the press to society and world events. Practice in news writing and general reporting of church, school, and other activities for the public press. Personal interviews. Feature stories. Revision and correction of articles submitted.

**54. JOURNALISM — COPYREADING** *One semester, 2 hours*  
 This course deals with the writing techniques and editing that are required of editors of newspapers, magazines and denominational periodicals. Instruction will be given in preparing manuscripts and seeing through the various aspects of printing.

**\*101, 102. MASTERPIECES OF LITERATURE** *Two semesters, 4 hours*  
 This is an introduction to great literature and is designed to fit the needs of the general Seventh-day Adventist college student. The year is spent in careful reading of the great writings from many countries.

**109. CHILDREN'S LITERATURE** *First semester, 2 hours*  
 The course places special emphasis upon the selection and presentation of literature suitable for children and offers opportunity to examine many types of books for children.

123. ADVANCED GRAMMAR *First semester, 3 hours*  
 A course devised to help prospective teachers and writers understand the structure of the English language and further develop their powers of analysis.

124. CREATIVE WRITING *Second semester, 3 hours*  
 Designed to follow 123 and provide the student with a training which will enable him to write for publication.

127. BIBLICAL LITERATURE *First semester, 3 hours*  
 A study of the types of literature in the English Bible, particularly emphasizing passages of outstanding literary genius and grandeur.

135. HISTORY OF THE ENGLISH LANGUAGE *First semester, 3 hours*  
 A non-technical treatment of the periods of development of the language with special attention given to word study and vocabulary building.

140. ELIZABETHAN LITERATURE *Second semester, 3 hours*  
 A study of the major English writers of the Elizabethan age.

142. MILTON *Second semester, 3 hours*  
 The poetry and prose of this outstanding Puritan writer.

\*147. THE ROMANTIC MOVEMENT *First semester, 3 hours*  
 Historical and philosophical background of the period, changing attitudes in life and literature. Poets from Wordsworth to Keats. Prose writers from Lamb to Macaulay.

\*148. THE VICTORIAN PERIOD *Second semester, 3 hours*  
 Continuation of 147. Poets from Tennyson to Kipling, and prose writers from Carlyle to Stevenson.

161. SPECIAL PROBLEMS IN ENGLISH *Either semester, 1 or 2 hours*  
 The content of this course will be adjusted to meet the particular needs of the individual student. Open only to English majors, or minors with the approval of the department head.

## COMMUNICATIONS

The age of mass media of communications has brought to increasing prominence the academic field of Communications. To provide students with a broad general background upon which later specialization can be built, a strong selection of courses has been drawn together from a number of academic areas to constitute a Major in Communications. The offerings have been drawn largely from Journalism, Public Relations, and Speech. These in turn are undergirded with a widely-based Arts program in the freshman and sophomore years particularly. This is in conformity with the prevailing broad cultural emphasis which is being given in departments of Communications.

Graduates with a Baccalaureate Degree in Communications, as outlined below, will be adequately equipped for positions in the editorial and public relations offices of the denomination, or to proceed with a program of graduate work in Speech or Journalism with a view to teaching on one of the several educational levels.

### Bachelor of Arts With a Major in Communications

#### COURSE REQUIREMENTS

MAJOR (Communications) ..... 30 hours

Including: Speech 5:6; 76; 113; 117; Journalism 53, 54; 143:144; Public Relations 166; Economics 137; 138.

MINOR (English [21 hours], Social Science, Religion, Business recommended) ..... 18 hours

English 1-2 ..... 6 hours

Literature 51, 52 ..... 4 hours

Foreign Language ..... 6-14 hours

Fine Arts 60 or 61 required ..... 4 hours

Health 7, 8 ..... 1 hour

Natural Science—Mathematics (Electronics 81 recommended) ..... 12 hours

Religion ..... 12-16 hours

Applied Theology 73 ..... 2 hours

Social Science 1, 2 and 53, 54 ..... 12 hours

Business Administration, Economics 71 required ..... 3 hours

Vocational ..... 7 hours

Typing 13 (or 1 year of high school typing)

Typography 17

Proofreading 67

Electives—sufficient to make a four-year total of 128 semester hours.

(Recommended: General Psychology, 51; World Geography, 142; History of the South, 148; International Relationships, 162; American Government 115.)

### JOURNALISM

#### 53. NEWS

*One semester, 4 hours*

Relation of the press to society and world events. Practice in news writing and general reporting of church, school, and other activities for the public press. Personal interviews. Feature stories. Revision and correction of articles submitted.

## 54. COPYREADING

*One semester, hours*

This course deals with the writing techniques and editing that are required of editors of newspapers, magazines, and denominational periodicals. Instruction will be given in preparing manuscripts and seeing them through the various phases of printing.

\*143:144. HISTORY AND PRINCIPLES OF JOURNALISM *Two semesters, 6 hours*

The course is a survey of the history of the great newspapers and journalists in the United States. Particular emphasis is given to ethics in journalism.

## PUBLIC RELATIONS

## 166. PUBLIC RELATIONS

*Second semester, 3 hours*

Designed to give professional competence in the theory and practice of public relations, the course is a study of the plans and methods of disseminating news from business establishments and from institutions through all the media of communications.

## SPEECH

The course offerings in Speech are intended not only for students who may be specializing in Communications, but they are designed to be of practical value as "service" courses to students from all areas of the College. It is assumed that any graduate of a liberal arts college will desire to develop his ability to express his convictions clearly, logically and persuasively. To serve this wider need the courses in Fundamentals and in Voice and Diction (Speech 5:6 and 63) may be entered without prerequisite. The courses in Oral Interpretation, Elements of Radio and TV, and Homiletics may be entered with the consent of the instructor and with the appropriate academic standing. The courses in Persuasion and in Argumentation call also for Speech 5:6 as a prerequisite.

**MAJOR:** While no major is offered in Speech itself, it is now possible for a student especially interested in the Speech field to major in Communications. This major (as listed on page 72) is strong in Speech offerings, and may well prove a more balanced, more practical degree than one which concentrates on Speech alone.

**MINOR:** Whereas it is still possible for a student to build a minor of eighteen hours in speech, it is recommended that it be built rather in Communications. With the wider range of offerings in that area, no student should experience difficulty in arranging his course program to include such a minor.

## 5:6. FUNDAMENTALS OF SPEECH

*Two semesters, 4 hours*

Establishment of a basic approach to speech, an elementary survey of the whole area, and an opportunity to develop speaking ability in various speech situations.

\*63. VOICE AND DICTION *First semester, 2 hours*  
 A basic study of the voice mechanism, and introduction to successful methods of voice improvement, with special attention to individual problems.

\*64. ORAL INTERPRETATION *Second semester, 2 hours*  
 Theory and practice in the art of conveying to others the full meaning of selected readings, secular and sacred. Special needs of teachers and ministers considered.

76. ELEMENTS OF RADIO AND TV *Second semester, 3 hours*  
 An introduction to the medium of radio and the development of basic skills in the preparation and presentation of various types of radio programs.

113. THE PSYCHOLOGY OF PERSUASIVE SPEECH *First semester, 3 hours*  
 Analysis of the bases for manipulating the motives of men toward the persuader's ends. Practice in the preparation and delivery of persuasive speeches.

\*117. LOGIC IN ARGUMENTATION *First semester, 3 hours*  
 Emphasis on research methods, logical analysis, propaganda and public opinion; on learning to test the validity of evidence and reasoning. Studies of masterpieces in argumentation are included.

119, 120. HOMILETICS AND PULPIT DELIVERY *Two semesters, 4 hours*  
 Training in the preparation and delivery of the various types of talks and addresses the Christian worker or preacher is called upon to present.

140. SPECIAL PROJECTS IN SPEECH *Two semesters, 1 hour*  
 The content of this course will be adjusted to meet the particular needs of the individual student who is working toward a major or minor in Communications, or toward a minor in Speech.

### BIBLICAL LANGUAGE AND LITERATURE

**MINOR REQUIREMENT:** A minor in Biblical Languages may be obtained by 18 hours in Greek or with 14 hours of Greek plus 6 hours of Hebrew.

### GREEK AND HEBREW

31-32. ELEMENTS OF NEW TESTAMENT GREEK *Two semesters, 8 hours*  
 A study of the grammar and syntax of the vernacular *koine* Greek of New Testament times, with readings in the Epistles of John.

101, 102. INTERMEDIATE NEW TESTAMENT GREEK *Two semesters, 6 hours*  
 A course in translation of readings from the Gospel of John and Revelation, with vocabulary building, advanced studies in grammar and syntax, with exegetical interpretation of the original text.

\*121-122. BEGINNING HEBREW *Two semesters, 6 hours*  
 The elements of Hebrew grammar, including the vowel system, vocabulary, writing, and selected reading from the Old Testament.

## GERMAN

**MINOR:** The German minor consists of eighteen hours.

**21-22. BEGINNING GERMAN** *Two semesters, 8 hours*  
 A foundation course in grammar, pronunciation, and reading. Not open to students who have had two years of German in secondary school.

**83-84. INTERMEDIATE GERMAN** *Two semesters, 6 hours*  
 Prerequisite: German 21-22 or two years of German in secondary school. Advanced grammar; intensive and extensive reading of moderately difficult prose and poetry; oral and written exercises.

**127:128. GERMAN CONVERSATION AND COMPOSITION** *Two semesters, 4 hours*  
 Prerequisite: German 21-22.  
 Development of skill in speaking, understanding and writing idiomatic German.

**\*141:142. SURVEY OF GERMAN LITERATURE** *Two semesters, 4 hours*  
 Prerequisite: German 83-84.  
 History and development of German literature; reading of representative works; collateral reading and reports.

**151, 152. GERMAN POETRY** *Two semesters, 4 hours*  
 Study of versification and the outstanding poets and their writings in the different periods of German literature.

## SPANISH

**Bachelor of Arts With a Major in Spanish**

## COURSE REQUIREMENTS

MAJOR (Spanish) .....	30 hours
Including 1-2; 93-94; subsequent courses will be determined in consultation with the department head.	
MINOR .....	18 hours
English 1-2 .....	6 hours
Literature .....	4 hours
Fine Arts 60 or 61 required .....	4 hours
Health 7, 8 .....	1 hour
Natural Sciences—Mathematics .....	12 hours
Religion .....	12-16 hours
Social Science 145, 146 .....	12 hours
Applied Arts .....	4 hours
Electives—sufficient to make a four-year total of 128 semester hours.	

**1-2. BEGINNING SPANISH** *Two semesters, 8 hours*  
 A foundation course in grammar, pronunciation, and reading. Not open to students who have had two years of Spanish in secondary school.

\*Not offered 1960-61.

93-94. INTERMEDIATE SPANISH	<i>Two semesters, 6 hours</i>
Prerequisite: Spanish 1-2 or two years of Spanish in secondary school. Advanced grammar; intensive and extensive reading of moderately difficult Spanish texts, oral and written exercises. Not open to Spanish speaking persons with three credits in Secondary Spanish.	
*101:102. SURVEY OF SPANISH LITERATURE	<i>Two semesters, 4 hours</i>
Prerequisite: Spanish 93-94. History and development of Spanish-American literature; reading of representative works.	
105:106. SURVEY OF SPANISH-AMERICAN LITERATURE	<i>Two semesters, 4 hours</i>
Prerequisite: Spanish 93-94. History and development of Spanish-American literature; reading of representative works.	
117:118. SPANISH CONVERSATION AND COMPOSITION	<i>Two semesters, 4 hours</i>
Prerequisite: Spanish 93-94. (Not open to Latin-American nationals.) Development of skill in speaking, understanding, and writing idiomatic Spanish.	
*145-146. THE GOLDEN AGE OF SPANISH LITERATURE	<i>Two semesters, 4 hours</i>
Prerequisite: Spanish 93-94. A study of the classical period of Spanish literature.	
*161-162. SPANISH POETRY	<i>Two semesters, 4 hours</i>
Prerequisite: Spanish 101:102. Study of Spanish versification, selected reading from Spanish and Spanish-American authors.	
165, 166. ADVANCED SPANISH PROSE	<i>Two semesters, 6 hours</i>
Prerequisite: Spanish 101:102. Extended reading from great authors of Spain and Spanish-America.	
179. PROBLEMS IN SPANISH	<i>Either semester, 2 hours</i>
Open to majors, or minors with permission.	

## RUSSIAN

1-2. BEGINNING RUSSIAN	<i>Two semesters, 8 hours</i>
Open to those with basic requirements satisfied in another modern language or by special permission of the instructor.	

## LIBRARY SCIENCE

93, 94. THE USE OF BOOKS AND LIBRARIES	<i>Two semesters, 4 hours</i>
Teaches the standard practices in all libraries and the organization of the college library in particular. Provides acquaintance with the best books (both reference and general) in the various fields of knowledge. Improves scholarship through a knowledge of how to do research.	
95. LIBRARY ADMINISTRATION	<i>First semester, 2 hours</i>
Designed to impart a practical knowledge of how to organize and administer a library; how to select, acquire, and catalog books; and how to relate the library to the needs of the pupils. Lectures and laboratory practice in the college library.	

# EDUCATION - PSYCHOLOGY - HEALTH

K. M. KENNEDY, *Chairman*; J. M. ACKERMAN, OLIVIA B. DEAN,  
E. T. WATROUS, JOSEPH B. COOPER, MARIAN KUHLMAN

The courses offered in this division are both "content" courses, of interest to all, and specialized courses of greatest value to teachers and other professional workers.

The offerings in Psychology are all content courses.

## BACHELOR OF SCIENCE IN TEACHER EDUCATION (Elementary and Secondary)

A student who wishes to follow a career of teaching in Seventh-day Adventist schools or in the public school system on either the elementary or secondary level should enroll in the four-year curriculum leading to the Bachelor of Science Degree. The curriculum has been planned to enable a student looking forward to teaching to obtain state, as well as denominational certification. The program requires a General Education core of studies and a Professional Education core. Students planning to teach, whether on the elementary or on the secondary level, all take this core curriculum and then specialize in the respective areas.

The Collegedale Elementary School, the Collegedale Academy and public elementary and secondary schools of the Collegedale area serve as laboratory schools for students preparing to teach, affording a rich opportunity for observation and student teaching.

For admission without deficiency, entrance units as indicated on page 44 must be presented. General requirements for students who desire a degree from Southern Missionary College are listed on pages 44 and 45. In addition, it is expected that students planning on teaching should show seriousness of purpose in order to be admitted to this curriculum.

A student who wishes to receive the Bachelor of Arts Degree must fulfill the entrance requirements for a B.A. as listed on page 44, and he must use his electives in such a way as to have one of the majors listed on page 35 and fulfill the foreign language requirement.

**MINOR:** A minor in education requires eighteen semester hours (twenty-four semester hours are needed for State of Tennessee certification), and 20 hours are needed for denominational certification.

It is recommended that the following professional courses be included: 5 (for elementary teachers only), 51, 61; at least one of the following: 150, 180, 107. These courses are required: 21, 111, 133, 134 or 135, 136: 171, 172 or 173, 174, and 191. — 61

### Bachelor of Science Degree in Secondary Teacher Education

#### COURSE REQUIREMENTS

Education and Psychology .....	18-26 hours
Including: 21, 51, 61, 111, 135, 136, 191, 173, 174, and 107, 150, or 180.	
English 1-2 .....	6 hours
Speech .....	2 hours
Literature .....	4 hours
Natural Science .....	12 hours
Mathematics 1 .....	2 hours
Social Science (Two fields represented) .....	12 hours
Fine Arts 60 or 61 required .....	4 hours
Health 7, 8 and Social Science 82 .....	6 hours
Religion .....	12-16 hours
Applied Arts .....	4 hours
Electives—to be used to complete two content areas for teaching and sufficient to make a four-year total of 128 semester hours.	

### Bachelor of Science in Elementary Teacher Education

#### COURSE REQUIREMENTS

Professional Education .....	18-26 hours
Including 5, 21, 51, 61, 65-66, 71, 80, 111, 133, 134, 191, 171, 172.	
English 1-2 .....	6 hours
Speech .....	2 hours
Literature 52, 109 .....	4 hours
Fine Arts—Art 27, 28, Music 61 .....	4 hours
Health 7, 8, 22 .....	12 hours
Including Social Science 82.	
Natural Science—Biology 9, Chemistry 5, and Physics 2 .....	12 hours
Mathematics 1, 2 .....	4 hours
Religion .....	12-16 hours
Social Sciences 53, 54, 142, 148 .....	12 hours

Applied Arts .....	4 hours
Electives—sufficient to make four-year total of 128 semester hours.	

## TEACHER CERTIFICATION

Prospective secondary teachers should use their electives in such a way as to certify two areas of instruction as listed below.

Effective September 1, 1953, the State of Tennessee discontinued issuing permanent teaching certificates. From that time onward provisional, five-year certificates are being granted on the basis of an earned bachelor's degree that incorporates certain prescribed courses in general and professional preparation. The teacher education program described below fulfills these requirements.

## GENERAL EDUCATION CORE REQUIRED FOR TENNESSEE CERTIFICATION GRADES 1-12

The General Education Core shall consist of not less than 40 semester hours. Five of the six areas described below in a recommended distribution must be included. The Natural Sciences must be represented by eight semester hours or by a combination of six semester hours of Science and two semester hours of Mathematics.

- a. COMMUNICATION ..... 6 semester hours  
This area includes experiences in effective reading, writing, speaking, and listening.
- b. HEALTH, PHYSICAL EDUCATION, PERSONAL DEVELOPMENT, AND HOME AND FAMILY LIVING ..... 6 semester hours  
This area includes experiences from the fields of health, physical education, personal development, and home and family living. Two fields must be represented as a minimum.
- c. HUMANITIES ..... 8 semester hours  
This area includes literature, foreign languages beyond the first college year, art, music, philosophy, religion. Three fields must be represented as a minimum.
- d. NATURAL SCIENCES & MATHEMATICS ..... 8 semester hours  
This area includes the biological and physical sciences. A biological science, a physical science, or a combination may be offered as a minimum.

e. SOCIAL STUDIES ..... 8 semester hours  
 This area includes history, political science, economics, geography, sociology, and anthropology. Two fields must be represented as a minimum.

f. FUNDAMENTAL CONCEPTS OF MATHEMATICS .... 2 semester hours  
 This area emphasizes the major concepts of number, measurement, function, and proof. Six semester hours credit in college mathematics may be accepted as a substitute for this area.

In addition to the above there is specified subject matter required for Grades 1-9. This information can be obtained from the Chairman of the Division of Education and Psychology.

#### CERTIFICATION FOR GRADES 1-9

A student completing the four-year curriculum is eligible to receive a five-year elementary certificate from the Southern Union Conference, and a ten-year Tennessee Teachers Professional Certificate.

#### CERTIFICATION FOR GRADES 7-12

Students who wish to qualify for teaching in grades 7-12 are advised to follow the Teacher Training curriculum outlined below. This curriculum leads to endorsement in the Seventh-day Adventist denomination as well as in the State of Tennessee. Inasmuch as most states in the South follow a program of reciprocity in teacher endorsement, this curriculum is the most advantageous for all to follow.

Those who desire to receive Denominational Certification only, may qualify for the five-year Secondary Certificate by completing the following minimum requirements in professional education along with the bachelor's degree.

Fundamentals of Education 21 .....	2 hours
Education 61 .....	2 hours
Education 111 (Child and Educational Psychology)	3 hours
Education 135, 136 .....	6 hours
Directed Observation and Teaching 173, 174 .....	4 hours
Elective .....	3 hours

**CERTIFICATION IN SPECIFIC SUBJECTS, GRADES 7-12****Denominational Certification**

The Standard Certificate will be issued ONLY in those subject fields in which the candidate has a college major or minor—with the exception that for vocational subjects the candidate must have a minimum of 6 semester hours or its equivalent; for business and commercial subjects the candidate must have a minimum of 10 semester hours or the equivalent; for health and physical education the candidate must have a minimum of 6 semester hours or the equivalent; for art, driver education, and other subjects of this category the candidate's fitness to teach will be appraised by the union educational secretary and the secretaries of the General Conference Department of Education. Any deviation from this requirement shall be accompanied by a full explanation. A minor shall be interpreted to mean not less than 15 semester hours.

**State of Tennessee Certification**

Students may receive state certification to teach in grades 7-12 by following the Teacher Training curriculum described above plus an additional 6 hours of professional education courses and by taking content courses that meet the minimum requirements for endorsement in two of the areas described below:

**BUSINESS:** The applicant shall offer a minimum of 18 semester hours, including a core requirement of 12 semester hours in Accounting, Economics and two of the following: Business Law, Introduction to Business, Business Mathematics and Business Communication.

Applicants meeting the above requirements may secure single subject endorsements by completion of the hours indicated including hours completed in the core:

General Business .....	6 semester hours
(including Introduction to Business or Business Principles, Business Law & Business Math.)	
Bookkeeping .....	10 semester hours
Typewriting .....	6 semester hours
(including 2 hours of advanced typing)	
Shorthand .....	6 semester hours of Advanced Shorthand
Business Law .....	6 semester hours
Economics .....	12 semester hours
(including Principles of Economics)	

Secretarial Practice .....	2 semester hours of office practice plus certification in Shorthand and Typewriting
Salesmanship .....	6 semester hours (selected from salesmanship, marketing, merchandising, advertising and retailing.)
Business Machines .....	2 semester hours
Business English .....	2 semester hours
Business Arithmetic .....	6 semester hours (4 in mathematics and 2 in business mathematics or 6 in business mathematics.)
Office and Clerical Practice .....	2 semester hours (in office, secretarial or clerical practice.)

**ENGLISH:** A minimum of 24 semester hours. An applicant offering 24 semester hours in English and twelve semester hours in Speech may be certified in both.

**FOREIGN LANGUAGE:** For a single foreign language eighteen semester hours based upon 2 or more units of high school credit (otherwise, twenty-four semester hours). For certification in two foreign languages, thirty semester hours are required, with not less than twelve semester hours in each if the student has two units of high school credit in each language. Where the student does not have two units of high school credit, eighteen hours in each language is required.

## HEALTH AND PHYSICAL EDUCATION

The applicant shall offer a minimum of 24 semester hours of health and physical education divided as follows:

Twelve semester hours of health which must include the areas listed below:

1. Foods and nutrition.
2. Safety education and first aid.
3. Communicable disease control.
4. Body use and care, including such areas as personal hygiene, diseases and disabilities other than those classed as communicable.
5. Human relations, including such areas as mental hygiene, family relations and community relations.
6. Sanitation of the home, school and community.

Twelve semester hours in physical education which must include the areas listed below:

1. Mass gymnastics and conditioning activities.
2. Informal games and relays.
3. Singing games and rhythmic activities.

4. Team games.
5. Individual and dual sports.
6. Safety skills in outdoor and aquatic activities.
7. Mimetics and story plays.
8. Stunts and tumbling.
9. Modified or adapted activities for the handicapped student.

Credit on required activity courses and/or military service may not apply toward this minimum.

**HOME ECONOMICS (non-vocational):** A minimum of twenty-four semester hours distributed as follows:

Foods and Nutrition .....	8 semester hours
Clothing and Textiles .....	8 semester hours
Home Management, Home Furnishings, Child Care, and Home Nursing .....	8 semester hours

**MATHEMATICS:** A minimum of eighteen semester hours of college mathematics, including College Algebra, Trigonometry, and Analytical Geometry. A course in General or Business Mathematics may be included in the minimum requirements. If the applicant has not taken Solid Geometry in high school, it is recommended that it be included in his college program.

**MATHEMATICS AND PHYSICAL SCIENCE:** When endorsement in Mathematics and Physical Science is sought in combination, the applicant shall present a minimum of fourteen semester hours in Mathematics (including College Algebra, Trigonometry, and Analytical Geometry) and a minimum of twenty-four semester hours in the Physical Sciences (including at least eight semester hours in Chemistry, eight semester hours in Physics, and eight semester hours in Geography and Astronomy) plus twelve hours selected from related fields in Mathematics and/or Physical Science.

**MUSIC:** The applicant may apply for endorsement in School Music, and/or Instrumental Music.

The applicant for either endorsement in music shall offer a minimum core of music theory and harmony, 12 semester hours; applied music, 12 semester hours; conducting, 2 semester hours; history and appreciation, 2 semester hours; a minimum total of 28 semester hours.

The applicant for the School Music endorsement shall meet

the core music requirements listed above, and shall offer 6 semester hours of appropriate methods and materials of teaching, grades 1-12, and shall offer 2 semester hours class instruction in instruments, a minimum total of 36 semester hours.

The applicant for the Instrumental Music endorsement shall meet the core music requirements listed above, and shall offer 6 semester hours of applied music beyond the 12 semester hours in core, and 2 hours of appropriate methods and materials of teaching, 6 semester hours of instrumentation and orchestration, a minimum total of 42 semester hours.

The applicant for endorsements in both School Music and Instrumental Music may present a minimum of 6 semester hours in appropriate methods and materials provided both areas are represented.

**SCIENCE:** The applicant shall offer a minimum of 32 semester hours of credit in the sciences ( biological science, chemistry, physics) with the three areas represented. The applicant will be certified to teach those sciences in which he has completed a minimum of 8 semester hours of work. When any two endorsements representing both the physical and the biological science fields appear on the certificate the holder will be certified to teach general science. If survey or integrated courses in the biological or physical science fields are provided by the training institution these may be included in the required 32 hours. (See Mathematics and Physical Science.)

For endorsement in a single subject such as Biology, Chemistry, or Physics, sixteen semester hours are required, three of which may be in a survey course.

For endorsement in General Science, sixteen semester hours are required which must include General Biology and Physical Science, with a minimum of 6 semester hours in each.

**HISTORY:** A minimum of eighteen semester hours to be distributed as follows:

1. American History .....	6 semester hours
2. European or World History .....	6 semester hours
3. Electives .....	6 semester hours

**SPEECH:** A minimum of fourteen semester hours in Speech to include such courses as Fundamentals of Public Speaking, Oral Interpretation, Debate, etc.

**BIBLE:** A minimum of twelve semester hours in the literature of the Bible, such as Old Testament Prophets, Pauline Epistles, Daniel and Revelation, or Teachings of Jesus.

## EDUCATION

For instruction regarding teacher education and certification, both state and denominational, see pages 79-83.

### GENERAL

#### 5. INTRODUCTION TO TEACHING

*First semester, 2 hours*

The student is given opportunity to become acquainted with the needed personal and professional traits, duties, and responsibilities of the teacher. Observation and participation in classroom and play activities at all grade levels. Two class periods per week plus special assignments.

#### 21. FUNDAMENTALS OF EDUCATION

*Either semester, 2 hours*

A survey of the basic principles of education. The course examines the fundamental philosophy of Christian education.

#### 61. SCHOOL ORGANIZATION AND ADMINISTRATION

*First semester, 2 hours*

This course is designed to help elementary and secondary students develop a better understanding of the organization and administration of the school. Some topics considered are: problems of prospective teachers, professional relations, reports and records, the teacher's relationship with other school personnel and working with other agencies.

#### 138. AUDIO-VISUAL AIDS

*Second semester, 2 hours*

The survey of aims, methods, and materials involved in use and evaluation of audio-visual instruction aids.

#### 140. PROBLEMS IN TEACHING READING

*Second semester, 2 hours*

The purpose of this course is to give a comprehensive view of reading problems, and to plan programs which meet the needs of individual pupils. Diagnostic and remedial procedures for grades 7-12 will be stressed, and experience in the use of the various types of materials and equipment available. Recommended for all secondary education majors.

#### 191. HISTORY AND PHILOSOPHY OF EDUCATION

*First semester, 2 hours*

A study of the historical, philosophical, and sociological foundations of education.

#### 193. DIRECTED STUDY

*Either semester, 2 hours*

This course permits the advanced student with adequate preparation to pursue independent study in special fields.

## ELEMENTARY

## 65-66. ELEMENTARY SCHOOL MUSIC

*Two semesters, 2 hours*

A course designed to prepare teachers to direct the music activities in the elementary school. Laboratory experience required.

## 71. TEACHING OF READING

*First semester, 2 hours*

A study of objectives, methods, and procedures in the teaching of reading in the elementary school. Opportunity to observe the teaching of reading in the laboratory school will be scheduled.

## 80. DIRECTED OBSERVATION AND TEACHING

*Second semester, 2 hours*

Prerequisite: At least one course in elementary methods. Observation of lessons taught by the supervisors; teaching in the campus elementary school; conferences with the supervisors and with the director of student teaching.

## 133. MATERIALS AND METHODS OF TEACHING IN THE ELEMENTARY SCHOOL

*First semester, 3 hours*

Emphasis is placed on the teaching of language arts, Bible, and arithmetic. One hour observation a week will be scheduled.

## 134. MATERIALS AND METHODS OF TEACHING IN THE ELEMENTARY SCHOOL

*Second semester, 3 hours*

Emphasis is placed on the teaching of health, social studies, science, and the arts. One hour of observation a week will be scheduled.

## 171, 172. STUDENT TEACHING, GRADES 1-9

*4-6 hours*

Prerequisite: Education 61, 111, 133, and 134 with a grade point of 1.00 in all professional subjects.

Directed observation and participation in classroom activities, including actual teaching in the campus and off-campus laboratory schools.

## 197. WORKSHOP IN ELEMENTARY EDUCATION

*Summer only, 2 hours*

Opportunity is provided for students to work under supervision on curriculum problems.

## SECONDARY

## 135. THE SECONDARY SCHOOL CURRICULUM

*First semester, 2 hours*

A study of the purposes and organizations of the secondary school curriculum and some of the promising practices in curriculum development.

## 136. MATERIALS AND METHODS OF SECONDARY TEACHING

*Second semester, 3 hours*

A study of learning activities with desired outcomes; methods of planning, organizing, stimulating and directing classroom activities; organization of courses; selection of appropriate materials for classroom teaching. This course covers all areas of endorsement, but in the second semester one hour a week will be devoted to special methods in specific areas, such as Bookkeeping, Shorthand, Languages, Mathematics, Home Economics, Music, etc.

**\*162. ADMINISTRATIVE AND PERSONNEL WORK OF DEANS***Second semester, 2 hours*

A basic professional course in the administration of the school home. (Offered on demand.)

**173, 174. STUDENT TEACHING, GRADES 7-12***4-6 hours*

Prerequisite: A grade point of 1.00 in professional subjects; Education 111, 135, 136, and Methods in the subject to be taught (the latter two courses may be taken concurrently with supervised teaching).

Teaching may be done in the secondary school in one or more of the following fields:

Bible, Bookkeeping, English, Home Economics, Mathematics, Modern Foreign Language, Music, Natural Science, Shorthand, Social Sciences, Typewriting. Registration should be for the supervised teaching course, by number, followed by the letter designating the particular field in which the supervised teaching is to be done.

NOTE: At least two semester hours of student teaching must be completed under the supervision of Southern Missionary College by candidates for degrees, regardless of the amount of similar credits received elsewhere. A computed minimum of four to six hours is required for recommendation for certification.

**PSYCHOLOGY****51. GENERAL PSYCHOLOGY***Either semester, 3 hours*

An introduction to the study of the problems of human behavior, and of the mental processes and their development. This is a foundation course designed to help the student understand and explain the behavior of others and thereby be better able to predict and control his own life and influence the lives of others.

**107. TESTS AND MEASUREMENTS***First semester, 2 hours*

A study of the various types of educational tests and examinations, and modern methods in their construction and use; also mastery of the most useful statistical techniques, with practice in working and interpreting problems involving educational and psychological data. The course includes some time given to the administration and interpretation of tests of intelligence, vocational interests, and personality.

**111. CHILD AND EDUCATIONAL PSYCHOLOGY***First semester, 3 hours*

This course deals with the physical, social, emotional, and intellectual growth and development of children and adolescents in the home and community. Special emphasis will be given to the psychological factors which underlie and influence the learning process.

**\*141. SOCIAL PSYCHOLOGY***First semester, 2 hours*

Prerequisite: Psychology 51.

A study of the interrelations of individuals in social situations, how the individual is influenced by others, and how in turn he affects the behavior of others. Does not apply toward professional requirements in teacher education.

**142. APPLIED PSYCHOLOGY***Second semester, 2 hours*

Prerequisite: Psychology 51.

This is a study of psychology in business, industry, public speaking, publications, politics, religion, and various other phases of everyday human activity. Does not apply toward professional requirements in teacher education.

\*150. PERSONALITY AND MENTAL HYGIENE *Second semester, 3 hours*  
 Prerequisite: Psychology 51.  
 A study of the incidence, causes, and methods, of preventing maladjustments and mental illness. Consideration is given to the meaning, importance, and conditions that affect the growth of personality, and methods of its improvement.

180. GUIDANCE AND COUNSELING *Second semester, 3 hours*  
 A survey of the current aims of counseling and guidance in school and community. Basic principles, procedures, and policies of counseling and guidance are emphasized. Directive and non-directive methods are stressed with the untrained or slightly trained teachers.

### HEALTH COURSES

4. HOME NURSING *Second semester, 2 hours*  
 Lecture and demonstrations will be based on the American Red Cross textbook in home hygiene and care of the sick. Red Cross Home Hygiene Certificates are issued to those successfully completing the course. In addition, hydrotherapy will be given.

22. SAFETY AND FIRST AID *Second semester, 2 hours*  
 The nature and causes of accidents, safety measures for the precaution of common accidents of the home, school, industry, transportation, and recreation. The standard and advanced Red Cross Certificates will be issued to those completing the required work in first aid.

82. SCHOOL HEALTH PROBLEMS *Second semester, 2 hours*  
 The function of the teacher in the school health program as an aid in the medical examination, screening, hygiene environment, control of contagion, health of teacher, and methods of correlating health instruction with other subjects of the curriculum.

### PHYSICAL EDUCATION AND RECREATION

The courses in this department are designed to improve human relations through cooperative group activity; to improve the physiological functions of the individual through proper exercise and an increased knowledge of body functions in relationship to activity; to foster the spirit of fair play which is democracy in action; to teach the values of physical education and recreation in the enrichment of the Christian life.

### COURSE REQUIREMENTS FOR MINOR IN HEALTH AND PHYSICAL EDUCATION

P. E. Major and Minor Activities .....	4 hours
P. E. 75 .....	2 hours

P. E. 85 .....	2 hours
P. E. 128 .....	2 hours
P. E. 145 .....	1 hour
P. E. 188 .....	3 hours
Health 22, 51 .....	4 hours
Total Semester Hours .....	18 hours
Cognate requirements—Anatomy and Physiology 11	

### ACTIVITY COURSES

The activities program, elective in nature, is set up to provide a variety of subjects.

Students enrolled in activity courses must wear regulation suits and shoes to all class appointments. *No credit will be given unless this requirement is complied with.*

All physically qualified students must take the required basic course.

A student *may not* sign up for more than one activity per semester unless given permission by the Dean or the Department Head.

The "beginning" courses will deal with lowest nomenclature and special techniques of the activity, as well as considerable time spent in actual participation in the activity. Advanced courses are an extension of the same courses, but will be limited to those who display superior ability in the beginner courses.

#### 7, 8. FRESHMAN PHYSICAL EDUCATION

*Two semesters, 1 hour*

Required of all Freshmen.

Body mechanics, games, skill tests, etc.

#### 9, 10. ADAPTED PHYSICAL EDUCATION

*Two semesters, 1 hour*

A course offered for those physically unable to take part in the basic required program. A "B" medical rating automatically upon registration, classifies the student for this part of the program.

#### 11. MAJOR SPORTS ACTIVITIES .....

*First semester, 2 hours*

A required course for physical education minors. Major sports such as flagball, basketball, baseball are studied. Class organization, teaching methods, rules, and skills are emphasized. One hour lecture and three hours laboratory per week.

#### 12. MINOR SPORTS ACTIVITIES .....

*Second semester, 2 hours*

A required course for physical education minors. Minor sports such as tennis, archery, badminton, softball, volleyball, etc. are studied. Class organization, teaching methods, rules, and skills are emphasized. One hour lecture and three hours laboratory per week.

#### 13. BASKETBALL

*First semester, 1/2 hour*

Dribbling, passing, defense, scoring plays, rules, skill drills, etc.

20. TENNIS	<i>Second semester, 1/2 hour</i>
	Serving, strokes, scoring, strategy, skill drills, tests, round robin, and ladder tournament. Class size limited to facilities.
23, 24. CO-RECREATIONAL ACTIVITIES	<i>First and Second semesters, 1 hour</i>
	An area of the program whereby men and women may play together. Badminton and shuffleboard are the two activities offered.
50. CAMPING AND HIKING	<i>Either semester, 1/2 hour</i>
	A course designed to promote outdoor recreation and provide experience for those who are interested in Pathfinder summer-camp work. Campouts, hikes, practice in camping techniques, etc.
64. ARCHERY—CO-EDUCATIONAL	<i>Second semester, 1/2 hour</i>
	Fundamentals of shooting, skill drills, tournaments, safety are presented. Class size limited.
67, 68. TUMBLING	<i>Two semesters, 1 hour</i>
	Accent on rolls, stunts, pyramids, self-testing activities. Conditioning heavily emphasized.
71, 72. APPARATUS (MEN ONLY)	<i>Either semester, 1/2 hour</i>
	Parallel bars, rings, high bar work.
73. BEGINNING TRAMPOLINE	<i>First semester, 1/2 hour</i>
*74. ADVANCED TRAMPOLINE	<i>Second semester, 1/2 hour</i>

### THEORY COURSES

*75. INTRODUCTION TO HEALTH, PHYSICAL EDUCATION, AND RECREATION	<i>First semester, 2 hours</i>
	A study into the aspect of Physical Education as a career, its relationship to related fields of education, general principles and philosophies, historical background, and professional preparation.
85. METHODS AND MATERIALS OF TEACHING PHYSICAL EDUCATION IN THE ELEMENTARY SCHOOL	<i>First semester, 2 hours</i>
	This course is designed primarily for elementary teachers and minors in Physical Education. Methods and materials, graded activities in games of low organization, team games, self-testing, and rhythmic activities, and safety measures.
*100. THEORY OF PLAY	<i>Second semester, 2 hours</i>
	A course designed to give a theoretical explanation of recreational activity and to show the need of activity in modern life and its place in education.
128. ORGANIZATION AND ADMINISTRATION OF PHYSICAL EDUCATION AND RECREATION	<i>Second semester, 2 hours</i>
	The relationship of the field of Physical Education to modern educational theory. Details of the organization of physical education activities, organization and classification of pupils, and emphasis on the arrangement and construction of equipment and planning of school programs suitable to denominational schools.

## 145. OFFICIATING

*First or Second semester, 1 hour*

Study of rules, officiating techniques, practice. Each student will be assigned a definite number of hours of officiating in the Intramural program for practical experience. One hour lecture per week and two hours practice.

## 188. RECREATION LEADERSHIP

*Second semester, 3 hours*

A study of principles, organization, and administration of community recreation, with emphasis placed on the development of recreational leadership. Students will be required to work in conjunction with the Master Guide program or other youth programs available in the area.

# FINE ARTS

MORRIS TAYLOR, *Chairman*; DOROTHY ACKERMAN, OLIVIA DEAN,  
J. MABEL WOOD, J. DON CROOK, LYLE Q. HAMEL, ELAINE  
TAYLOR

The aim of this division is to provide for the student a means of self-expression through forms of beauty and to prepare him for living a richer life individually, socially, and professionally.

## ART

### 1:2. FUNDAMENTALS OF DRAWING AND DESIGN      *Each semester, 2 hours*

An introductory course in drawing, composition, design, color organization and basic lettering. Emphasis on the basic art elements and their functions in composition.

### 51, 52. BEGINNING PAINTING      *Each semester, 1 or 2 hours*

Recommended prerequisite: Art 1, 2.

Introduction to water color, oil paint, and pastel painting, landscapes, still life, and flowers; originality will be stressed.

### 7, 8. SCULPTURE      *Each semester, 2 hours*

The various expressions in three dimensional forms are studied. Portrait sculpture, building up in soft materials as well as direct plaster techniques.

### 27, 28. ART EDUCATION AND CRAFTS      *Two semesters, 2 hours*

A study of the fundamental arts and crafts principles adapted to the needs of children. Laboratory work in the use of various art and craft media for elementary school teachers.

### 165, 166. ADVANCED PAINTING      *Each semester, 2 hours*

Prerequisite: Art 3, 4.

Here a student may desire to study further the use of the various media, also explore the relationships of abstract representation to realism. Instruction in clothed figure painting; landscapes and animal life.

## ART HISTORY

### 60. SURVEY OF ART      *Second semester, 2 hours*

An introductory course to art experience. A survey of art media with illustrated lectures, discussion, and analysis of important masterworks.

### \*143:144. HISTORY OF ART      *Second semester, 4 hours*

Recommended prerequisite: Art 60.

A study of the arts of western civilization from antiquity to the present with an emphasis on the pivotal figures in art history. Representative examples of painting, sculpture, and architecture will be studied as well as some examples from the graphic and decorative arts.

\*Not offered 1960-61.

**MINOR:** A minor in Art consists of 18 hours, including 1:2, 60; 143:144; painting, 6 hours; elective—2 hours.

## MUSIC

Southern Missionary College offers three curriculums in music, a Bachelor of Music with a major in performance or in music education, and the Bachelor of Arts with a major in music.

The Bachelor of Music degree is designed to prepare the student as a professional musician. The B.M. with a major in performance meets the need of the student who wishes to concentrate in an applied music field and to prepare for advanced work in the scholarly branches of music.

The Bachelor of Music with a major in music education meets the specifications of the State of Tennessee and most other state education departments as well as the requirements for certification from the General Conference to teach music on the secondary level. See under the Education Department for further details with regard to certification.

The Bachelor of Arts degree with a major in music allows the student to obtain a broad background in the liberal arts along with his solid core of professional music subjects. The liberal arts student may choose the field of music as his minor.

### Bachelor of Music in Music Education

#### COURSE REQUIREMENTS

MAJOR (Music) .....	59 hours
Applied Music: Major instrument or voice—12 hours; minor instruments and/or voice—4 hours; senior recital—1 hour; music organizations—2 hours; music ensemble—2 hours.	
Music Theory: 3:4; 45:46; 101:102; 171:172; electives—4 hours.	
Music History: 62 or 63; 141:142.	
Music Education: 161 or Education 65-66; 181; materials and methods electives—6 hours.	
Education 61; 135 or 191; 171, 172 or 173, 174 ..	8 hours
Psychology 51; 111 .....	6 hours
Health and Family Living .....	6 hours

Including: Marriage and the Family—2 hours;	
Physical education—1 hour; electives—3 hours.	
English 1-2 .....	6 hours
Literature 51, 52 or 61, 62 .....	4 hours
Fine Arts 60 .....	2 hours
†Mathematics 1 .....	2 hours
Natural Science—Mathematics .....	8 hours
Religion .....	12-16 hours
Social Science 20 and sequence .....	8 hours
Electives—sufficient to make a four-year total of 128 semester hours.	

### Bachelor of Music in Performance

#### COURSE REQUIREMENTS

MAJOR (Music) .....	60 hours
Applied Music: Major instrument or voice—16 hours; senior recital—1 hour; minor instrument or voice—4 hours; music organizations—2 hours; music ensemble—2 hours.	
Music Theory: 3:4; 45:46; 101:102; 171:172; electives—4 hours.	
Music History: 62; 63; 141:142.	
Music Education: Materials and methods in major instrument or voice—2 hours; electives—4 hours.	
English 1-2 .....	6 hours
Literature 51, 52 or 61, 62 .....	4 hours
Foreign Language—French or German recommended .....	6-14 hours
Fine Arts 60 .....	2 hours
Health 7, 8 .....	1 hour
Natural Science—Mathematics .....	6 hours
Religion .....	12-16 hours
Social Science 1, 2 and 20 .....	8 hours
Psychology 51 .....	3 hours
Electives—sufficient to make a four-year total of 128 semester hours.	

†This requirement may be waived by examination.

**Bachelor of Arts With a Major in Music****COURSE REQUIREMENTS**

<b>MAJOR (Music) .....</b>	<b>37 hours</b>
Music Theory: 45:46; 101:102; and four hours of upper division electives.	
Applied Music: Major instrument or voice—12 hours; senior recital—1 hour; music organizations—2 hours.	
History of Music: 62 or 63; 141:142.	
<b>MINOR .....</b>	<b>18 hours</b>
English 1-2, Literature 51, 52 or 61, 62 .....	10 hours
Fine Arts 60 .....	2 hours
Foreign Language .....	6-14 hours
Health 7, 8 .....	1 hour
Natural Sciences—Mathematics .....	12 hours
Religion .....	12-16 hours
Social Science .....	12 hours
Electives—sufficient to make a four-year total of 128 semester hours.	

**MINOR:** A minor in Music consists of eighteen hours, including 45:46; 141:142; applied instrument or voice—4 hours; music organizations—2 hours.

**THEORY**

<b>25:26. EAR TRAINING AND SOLFEGGIO</b>	<i>Two semesters, 2 hours</i>
The development of rhythmic, melodic, and harmonic perception. A waiver may be granted by examination. This course should be taken concurrently with 45:46. This class will meet two periods per week.	
<b>45:46. HARMONY I</b>	<i>Two semesters, 6 hours</i>
Construction and function of scales and intervals; triads and dominant seventh chords, root position and inversions; modulation; use of non-harmonic tones, correlated analysis and keyboard harmony.	
<b>101:102. HARMONY II</b>	<i>Two semesters, 4 hours</i>
Prerequisite: Music 45:46.	
Construction and function of ninth, eleventh, and thirteenth chords, altered chords and modulation, correlated analysis, and keyboard harmony.	
<b>171:172. COUNTERPOINT</b>	<i>Two semesters, 4 hours</i>
Prerequisite: Music 45:46; 101:102 concurrently.	
Species counterpoint in two or more parts: imitation, double counterpoint, canon and correlated analysis.	

\*174. ORCHESTRATION *Second semester, 2 hours*  
 Scoring and arranging for the instruments of the modern symphony orchestra and the concert band.

\*176. COMPOSITION *Second semester, 2 hours*  
 Prerequisites: Music 101:102; 171:172 recommended.  
 Principles of composition in the smaller forms; written work modeled on the analysis of such forms as the chorale, the art song, and the rondo.

### MUSIC HISTORY

61:62. SURVEY OF MUSIC LITERATURE *Two semesters, 4 hours*  
 The impact of musical thought on western civilization during the past one thousand years. Illustrated lectures, discussions, and recordings.  
 Music majors may not register for Music 61 except as an elective. One listening period per week is required.

141:142. HISTORY OF MUSIC *Two semesters, 6 hours*  
 Recommended prerequisite: Music 62 or 63.  
 Cultural and musical-technical aspects of the style and form of musical thought from antiquity to the present time. Two listening periods per week are required.

### CHURCH MUSIC

24 PRINCIPLES OF CONDUCTING *Second semester, 2 hours*  
 Basic concepts of notation, the study and application of principles of song leadership. This class meets three periods per week.

63. SURVEY OF CHURCH MUSIC *First semester, 2 hours*  
 A course designed to meet the needs of religion majors and church musicians. A study of church music from Biblical times to the present. One listening period per week is required.

### MUSIC EDUCATION

The studies in methods and materials involve not only development in actual performance ability and evaluation of available teaching materials; but also, and pre-eminently, a quest for pedagogical soundness and understanding of how to help individuals solve their musical problems.

\*130. PIANO MATERIALS AND TECHNIQUES *Second semester, 2 hours*  
 Methods, materials, and procedures for private and group piano instruction.

132. VOCAL MATERIALS AND TECHNIQUES *Second semester, 2 hours*  
 Principles of voice production and testing and classification of voices.  
 The examination of suitable literature for ensemble and solo use.

\*134. STRING MATERIALS AND TECHNIQUES *Second semester, 2 hours*  
 A study of the stringed instruments in class and a survey of teaching materials for class and private instruction.

136. PERCUSSION MATERIALS AND TECHNIQUES *Second semester, 1 hour*  
 The use of percussion instruments in the band and orchestra. Techniques of performing all percussion instruments. Interpretation of band scores, balance and special effects of the percussion section.

137. BRASS MATERIALS AND TECHNIQUES *First semester, 2 hours*  
 A study of tone production, embouchure, fingerings, and practical pedagogic technique. A survey of the literature for the instruments and evaluation of teaching methods.

\*139. WOODWIND MATERIALS AND TECHNIQUES *First semester, 2 hours*  
 A study of tone production, embouchure, fingerings, and practical pedagogic technique. Survey of the literature for the instruments and evaluation of teaching methods.

\*161. SECONDARY SCHOOL MUSIC *First semester, 2 hours*  
 Curriculum, organization, and administration of choral, instrumental, and general music classes in the junior and senior high school.

\*181. CONDUCTING TECHNIQUES *First semester, 2 hours*  
 This course is designed to give the music student the requisite skills for conducting choral and instrumental groups.

### APPLIED MUSIC

†3, 4. *Two semesters, 2 hours*  
 Private instruction in voice, piano, organ, or orchestral instrument.

†5, 6. *Two semesters, 2 hours*  
 Class instruction in voice, piano, or orchestral instruments. This course is designed for the beginning student who would like to take applied music in small groups of from two to five at a reduced fee from the private lesson rate.

21, 22. *Two semesters, 2 hours*  
 Prerequisite: Examination for freshman standing.  
 Private instruction in voice, piano, organ, or orchestral instrument.

\*53, 54. *Two semesters, 2 hours*  
 Prerequisite: Music 3, 4 or 5, 6.  
 Private instruction in voice, piano, organ, or orchestral instrument.

71, 72. *Two semesters, 2 hours*  
 Prerequisite: Music 21, 22.  
 Private instruction in voice, piano, organ, or orchestral instrument.

121, 122. *Two semesters, 4 hours*  
 Prerequisite: Music 71, 72.  
 Private instruction in voice, piano, organ, or orchestral instrument.

151, 152. *Two semesters, 4 hours*  
 Prerequisite: Music 121, 122.  
 Private instruction in voice, piano, organ, or orchestral instrument.

\*Not offered 1960-'61

†See note on next page.

## 192. SENIOR RECITAL

1 hour

The recital must be memorized with the exception of organ or instruments performing ensemble literature not generally memorized.

† Courses 3, 4; 5, 6; 53, 54 are open to any student of the college as elective credit toward the B.A. or B.S. degree. The music major or minor may elect these courses only toward his minor performance.

Courses 21, 22; 71, 72; 121, 122; and 151, 152 are courses primarily for the music major and minor, but they may be elected by anyone who passes the examination for freshman standing.

Instruction in voice, piano, organ, or orchestral instruments is offered both privately and in small classes. The following performance areas may be studied: violin, viola, cello, string bass, flute, oboe, clarinet, saxophone, bassoon, trumpet, French horn, trombone, baritone, marimba, and percussion instruments.

One semester hour will be allowed for a minimum of 15 half-hour lessons with four hours of practice per lesson. Participation in and attendance at student recitals, public and studio, will be considered a part of the regular work. Music majors and minors are required to attend a large percentage of the concerts and recitals on the campus, and each is urged to take advantage of the outstanding musical events sponsored by the SMC Lyceum Committee, the Fine Arts Series, the Community Concerts, and the Chattanooga Symphony.

Freshman standing for the music major or minor will be given by the music faculty at the time of the first semester examinations. Each student majoring in music must appear before the music faculty at the end of each semester to present a prepared program of technic and memorized compositions as his final examination.

All music majors are required to pass an examination in piano. The student must be able to play hymns and moderately easy accompaniments at sight and play the major scales. At the time of the regularly scheduled semester examinations the student is to play before a committee of the music faculty. The piano examination should be passed as early as possible, but no later than the end of the junior year.

The major in music education and the liberal arts student will present a joint senior recital in which he plays 30 minutes. The performance major will present a full-length, memorized recital. The student may elect to have an assisting soloist or assisting small ensemble in which he participates.

## MUSIC ENSEMBLES

Although there is no charge for participation in music organizations if credit is not desired, yet *students should register for entrance in the organization*. All students pursuing a music major must participate in a music organization each year of residence.

Each musical organization meets two periods per week and offers one-half hour credit each semester. Admission to any musical organization is by audition. Regular attendance at rehearsals is required.

Ensembles on campus are organized and sponsored by members of the staff.

9, 10. CAMPUS BAND

11, 12. CONCERT BAND

13, 14. ORCHESTRA

15, 16. COLLEGE CHOIR

17, 18. MEN'S CHORUS

19, 20. COLLEGIATE CHORALE

153:154. PIANO ENSEMBLE

*Two semesters, 2 hours*

Prerequisite: Music 54 or 72.

This course is designed to give the piano and organ major coaching and experience in accompanying and playing in a chamber ensemble.

155:156. VOCAL ENSEMBLE

*Two semesters, 2 hours*

Prerequisite: Music 54 or 72.

This course is designed to give the voice major coaching and experience in organization and participation in small vocal ensembles. The literature of the vocal and chamber music repertoire will be studied.

157:158. INSTRUMENTAL ENSEMBLE

*Two semesters, 2 hours*

Prerequisite: Music 54 or 72.

This course is designed to give the instrumental major coaching and experience in organizing and participating in small instrumental ensembles such as the string trio or quartet, the woodwind quintet, etc. The chamber music literature will be studied.

# NATURAL SCIENCES - MATHEMATICS

JOHN CHRISTENSEN, *Chairman*; H. H. KUHLMAN, CLARENCE E. CHINN, RAY HEFFERLIN, E. O. GRUNDSET, MERLYND NESTELL, A. L. WATT

The Division of Natural Sciences and Mathematics is organized for the purpose of giving training in the fundamental sciences of Biology, Chemistry, Mathematics, and Physics. Many of the courses offered in these departments are basic for professional training in medicine, dentistry, optometry, nursing, other medical-related professions, and professional engineering. These must be taken before entrance into the training for a chosen profession.

Training for professional careers in Biology, Chemistry, Mathematics, and Physics may be had by taking majors in these fields. Minors in related fields are taken which contribute to the background of the student.

The foundation and survey courses are designed to give the general student an appreciation and understanding of the impact of the scientific discoveries and the scientific method of thinking upon our modern civilization.

Relative to spiritual values the following quotation reflects the philosophy of the division of Natural Sciences and Mathematics:

"All true science is but an interpretation of the handwriting of God in the material world. Science brings from her research only fresh evidences of the wisdom and power of God. Rightly understood, both the book of nature and the written word make us acquainted with God by teaching us something of the wise and beneficent laws through which He works." Ellen G. White, *Patriarchs and Prophets*, page 599.

## BIOLOGY

### Bachelor of Arts With a Major in Biology

The courses in this subdivision are intended to give students a practical and cultural knowledge of this field of science, and to meet the needs of those planning to enter professional training in advanced biology, medicine, dentistry, nursing, and related fields. It is recommended that students majoring in biology minor in chemistry.

**MAJOR:** a major in biology consists of thirty semester hours, and must include Biology 1, 22, 45, 46, 110 and 128.

**MINOR:** a minor in biology requires eighteen hours.

### COURSE REQUIREMENTS

<b>MAJOR (Biology)</b> .....	30 hours
Including 1, 22, 45, 46; 110, 128.	
<b>MINOR:</b> Chemistry recommended .....	18 hours
English 1-2, Literature 51, 52 or 61, 62 .....	10 hours
Applied Arts .....	4 hours
Fine Arts, 60 or 61 required .....	4 hours
Foreign Language .....	6-14 hours
Health 7, 8 .....	1 hour
Religion .....	12-16 hours
Social Science .....	12 hours
Electives—sufficient to make a four-year total of 128 semester hours.	

Pre-medical students majoring in Biology will add Physics 51-52, Mathematics 11:12, Chemistry 1-2, 63, 102, 113-114, General Embryology 145.

The courses in Biology are intended to give the student fundamental and accurate information as a basis for the development of a sound scientific philosophy and as preparation for professional training.

- 1. GENERAL BIOLOGY** *First semester, 3 hours*  
A study of biological principles and of the classification of the plant kingdom. Two hours lecture, three hours laboratory, each week.
- 2. GENERAL BIOLOGY** *Second semester, 3 hours*  
Consideration of biological principles as related to animal life. Study of typical members of each phylum in the animal kingdom. Two hours lecture, three hours laboratory, each week.
- 9. NATURE STUDY AND CONSERVATION** *First semester, 3 hours*  
This course is planned for elementary teachers who wish to use nature materials furnished by their environment in their teaching. It includes conservation of natural resources, the study of birds, insects, flowers, trees, and related areas. Two hours lecture, three hours laboratory each week. This course is a methods course and is restricted to teacher training students.

11, 12. ANATOMY AND PHYSIOLOGY *Two semesters, 6 hours*  
 A study of the fundamentals of human anatomy and physiology. Two hours lecture, three hours laboratory, each week.

22. MICROBIOLOGY *Either semester, 4 hours*  
 A study of micro-organisms; their relation to the production of disease in man and their modes of transmissions; methods used in specific prevention or treatment of disease. Three hours lecture, three hours laboratory, each week.

45, 46. GENERAL ZOOLOGY *Two semesters, 8 hours*  
 A study of the general biological principles of all animal life including their general structure, physiology, habitat, classification, and life history. Three hours lecture, three hours laboratory, each week.

\*100. FIELD BIOLOGY *First semester or Summer session, 3 hours*  
 Prerequisite: Biology 1 and 2 or equivalent.  
 A study of the life of plants and animals in the natural environment. One hour lecture, five to six hours laboratory each week.

105. MAMMALOGY *First semester, 3 hours*  
 Prerequisite: Biology 2 or 46 or equivalent.  
 Classification, distribution, life history and population of mammals. Two hours lecture and three hours laboratory or field trip each week.

107. PARASITOLOGY *First semester, 3 hours*  
 Prerequisite: Biology 2, or 45, or equivalent.  
 A general survey of the more important parasites of man and domestic animals. Two hours lecture, three hours laboratory, each week.

108. ORNITHOLOGY *Second semester or Summer session, 3 hours*  
 Prerequisite: General Biology, 1, 2 or 45, 46.  
 An introduction to the external structure, classification, behavior, nesting, migration, and phylogeny of birds. Laboratory periods are spent studying birds in the field. Two hours lecture, three hours laboratory work each week.

\*109. ENTOMOLOGY *First semester or Summer session, 3 hours*  
 Prerequisite: Biology 1, 2 or 45, 46.  
 An introduction to the study of insects with emphasis on development and behavior. Classification of important orders and families and the use of insect keys will be stressed in laboratory work. Two hours lecture and three hours laboratory work each week.

110. GENETICS *Second semester, 3 hours*  
 Prerequisite: Biology 1 and 2 or equivalent.  
 A study of heredity as related to man and some domestic plants and animals. Two hours lecture, three hours laboratory, each week.

122. BRYOLOGY *Second semester, 3 hours*  
 Prerequisite: Biology 1 or equivalent.  
 A study of liverworts, mosses, and ferns of this area. Two hours lecture and three hours field or laboratory work, each week.

128. SYSTEMATIC BOTANY *Second semester, 3 hours*  
 Prerequisite: Biology 1 or equivalent.  
 The identification of seed plants of the Collegedale area with a view of the acquisition of familiarity with the distinguishing features of the great plant groups. Two hours lecture, three hours laboratory, each week.

145. GENERAL EMBRYOLOGY *First semester, 3 hours*  
 Prerequisite: Biology 2, 45, or 46, or equivalent.  
 An introduction to the development of the vertebrate animal with emphasis on the development of the chick. Two hours lecture, three hours laboratory, each week.

146. COMPARATIVE ANATOMY *Second semester, 3 hours*  
 Prerequisite: Zoology 45 and 46.  
 A comparison of the anatomy of the various organ systems of vertebrates. The dogfish shark, mud puppy, cat, and/or fetal pig are used for laboratory study. Two hours lecture and three hours laboratory each week. (Credit will not be given for both this course and the former Zoology 104.)

\*177. MICROTECHNIQUE *First semester, 3 hours*  
 Prerequisite: Biology 1, 2 or equivalent.  
 Preparation, mounting, and staining of various plant and animal tissues on slides for microscopic study. One hour lecture, six hours laboratory, each week.

\*178. ANIMAL HISTOLOGY *Second semester, 3 hours*  
 Prerequisite: Biology 2, 45 or 46 or equivalent.  
 A descriptive study of normal tissues, including those of man. The microscopic identification and characteristics of stained sections is emphasized in the laboratory. One hour lecture, six hours laboratory, each week.

191 or 192. PROBLEMS IN BIOLOGY *1 to 4 hours, 1 or 2 hours a semester*  
 This course is for biology majors and minors only; individual research work in some field of biology. Content and method of study to be arranged.

## CHEMISTRY

It is intended in this subdivision to give students a practical and a cultural knowledge of this field of science, and to provide for the needs of those planning to become chemists or to enter professional training in medicine, dentistry, nursing, and related fields.

### Bachelor of Arts With a Major in Chemistry

A minor in Physics or Biology is recommended, and Mathematics through Calculus, and Physics 51-52 are advised.

A major or minor in Chemistry must include Chemistry 102 and 114 except for Home Economics or Dietetics students minoring in chemistry.

This degree does not necessarily prepare for graduate work in chemistry unless Chemistry 151, 152 are included.

## COURSE REQUIREMENTS

MAJOR (Chemistry) .....	30 hours
Including: 1-2; 63, 113-114; *102, 144, 190.	
MINOR in Mathematics, Physics, or Biology	
recommended .....	18 hours
English 1-2, Literature 51, 52 or 61, 62 .....	10 hours
Applied Arts .....	4 hours
Fine Arts, including 60 or 61 required .....	4 hours
Foreign Language (German recommended) .....	6-14 hours
Health 7, 8 .....	1 hour
Religion .....	12-16 hours
Social Science .....	12 hours
Mathematics 11:12 .....	8 hours
Electives—sufficient to make a four-year total of 128 semester hours.	

Pre-medical students will add Biology 45-46 and 145, Physics 51-52, Mathematics 11:12. They should include in the major Chemistry 113-114 and 102.

## Bachelor of Science With a Major in Chemistry

This degree is a preparation for graduate work in chemistry or for a professional career in chemistry.

## COURSE REQUIREMENTS

MAJOR (Chemistry) .....	40 hours
Including: 1-2; 63; 102 (3 hours); 113-114; 121; 134; 144; 151, 152.††	
MINOR should be chosen from Math., Physics, Biology, or Foods and Nutrition††† .....	18 hours
English 1-2 .....	6 hours
Literature 51, 52, 61 or 62 .....	2 hours
Applied Arts .....	4 hours
Fine Arts 60 or 61 required .....	2 hours
Foreign Language—German .....	6-14 hours
Health 7, 8 .....	1 hour
Mathematics 11:12; 99, 100 .....	16 hours
Physics 51-52 .....	8 hours
Religion .....	12-16 hours

\*3 hours

††Students planning to do graduate work in Biochemistry should also elect 171:172 as part of the major and should also take Biology 22, 45 and 46.

††† Students minoring in Foods and Nutrition should also elect 171:172 as part of the major.

Social Science ..... 9 hours

Electives—sufficient to make a four-year total of 128  
semester hours.

**1-2. GENERAL CHEMISTRY**

*Two semesters, 8 hours*

Prerequisites: High school Algebra and either high school Physics or Chemistry or the instructor's permission. (It is recommended that Math 11:12 be taken concurrently.)

An introduction to the elements and their principal compounds; the fundamental laws and accepted theories of chemistry. Three hours lecture, three hours laboratory, each week.

**\*5. INTRODUCTION TO CHEMISTRY**

*First semester, 3 hours*

This course is designed specifically for students preparing for elementary school teaching. It consists of simple demonstrations of chemical principles, using materials available in the home or school and a discussion of the basic principles involved; emphasis is laid on application to home situations and on relationships to other sciences. Training is also given in the use of chemical illustrations to demonstrate character lessons. This course carries credit only toward a degree in elementary education. Two hours lecture, three hours laboratory.

**6. NUTRITION**

*Second semester, 2 hours*

See foods and nutrition, course No. 2. (Does not apply on a major or a minor.)

**6a. FOODS AND NUTRITION LABORATORY**

*Second semester, 1 hour*

See foods and nutrition course No. 2a. (Does not apply on a major or a minor.)

**7-8. SURVEY OF CHEMISTRY**

*Two semesters, 6 hours*

Prerequisites: High school algebra, and either high school physics or chemistry, or instructor's permission.

A survey course designed to familiarize the student with the basic principles of chemistry. Attention is given particularly to solutions, chemistry of nutrition, digestion, and metabolism. Of special interest to students who need a survey course in chemistry. It will also fulfill the natural science requirement. It is a terminal course and may not be used as a prerequisite for advanced chemistry courses. Two hours lecture, three hours laboratory, each week.

**63. QUALITATIVE ANALYSIS**

*First semester, 2 hours*

Prerequisites: Chemistry 1-2, Mathematics 11:12 or equivalent.

A study of the principles and methods for the separation and identification of inorganic ions; analysis of several unknowns. Two hours lecture (one hour of which is laboratory instruction requiring no homework), two hours laboratory, each week.

**81. ORGANIC CHEMISTRY**

*First semester, 4 hours*

A brief study of simple organic compounds, both aliphatic and aromatic and their reactions. Three hours lecture, three hours laboratory, each week.

102. QUANTITATIVE ANALYSIS *Second semester, 2 or 3 hours*  
 Prerequisites: Chemistry 1-2, 63.  
 This course includes the study of typical volumetric and gravimetric methods, quantitative determinations of acidity, alkalinity, and percentage composition of a variety of unknowns. Two hours lecture for nine weeks, three or six hours laboratory, each week.

113-114. ORGANIC CHEMISTRY *Two semesters, 8 hours*  
 Prerequisite: Chemistry 1-2.  
 A study of the aliphatic and aromatic compounds of carbon and their reactions. The laboratory work includes typical syntheses of various compounds. Three hours lecture, three hours laboratory, each week.

121. ORGANIC QUALITATIVE ANALYSIS *First semester, 2 or 3 hours*  
 Prerequisite: Chemistry 113-114.  
 Application of solubility principles, classification reactions and the preparation of derivatives to the identification of both pure compounds and mixtures. Two hours of lecture for nine weeks, and three or six hours of laboratory each week.

122. ADVANCED ORGANIC CHEMISTRY *Second semester, 3 hours*  
 Prerequisite: Chemistry 113-114.  
 Laboratory principles and practice in the synthesis of various organic compounds and other selected topics. Two hours of lecture, and three hours of laboratory work each week.

134. ADVANCED QUANTITATIVE ANALYSIS *Second semester, 2 hours*  
 Prerequisite: Chemistry 102.  
 A study of some additional methods of analysis beyond those considered in Chemistry 102. Special attention is given to spectrophotometry, potentiometric and conductometric titrations and other instrumental techniques. One hour lecture and three hours laboratory each week.

144. LABORATORY GLASS BLOWING *Either semester, 1 or 2 hours*  
 Training is given in the manipulation of glass for the fabrication of laboratory apparatus. Three or six hours laboratory each week. This course does not count on basic science requirements nor on the 30 hours of the major.

151:152. PHYSICAL CHEMISTRY *Two semesters, 8 hours*  
 Prerequisites: Chemistry 102, Physics 51-52, Mathematics 11:12. Calculus advised for 151, and required for 152.  
 A study of the facts, laws, theories, and problems relating to gases, liquids, solids, solutions, equilibrium, thermo-chemistry, electro-chemistry, and atomic structure. Three hours lecture, three hours laboratory, each week.

171:172. BIOCHEMISTRY *Both semesters, 6 hours*  
 Prerequisite: Chemistry 113-114.  
 The materials, mechanisms, and end-products of the processes of life under normal and pathological conditions are studied. Two hours lecture, three hours laboratory, each week.

190. INTRODUCTION TO RESEARCH *Either semester, 1 to 3 hours*  
 Prerequisite: 20 hours of Chemistry.  
 Individual research under the direction of the members of the staff. Problems are assigned according to the experience and interest of the student.

## MATHEMATICS

The objectives of this subdivision are to acquaint the student with the meaning, scope, methods, and content of Mathematics, and to show some of the relationships and contributions of this science to modern civilization and culture.

MAJOR: A major in Mathematics requires 30 hours (exclusive of Mathematics 1 and 2), and includes Mathematics 11:12; 99; 100; and at least 15 hours chosen from courses 111, 112; 121:122; 151:152.

MINOR: A minor in Mathematics requires eighteen hours (exclusive of Mathematics 1, 2), and includes Mathematics 11:12; 99; 100; and at least 3 hours chosen from courses 111, 112; 121:122; 151:152.

## **Bachelor of Arts With a Major in Mathematics**

## COURSE REQUIREMENTS

MAJOR (Mathematics) .....	30 hours
Including: 11:12; 99; 100.	
MINOR (Physics or Chemistry recommended) .....	18 hours
English 1-2 .....	6 hours
Literature 51, 52 or 61, 62 .....	4 hours
Applied Arts .....	4 hours
Fine Arts 60 or 61 required .....	4 hours
Foreign Language .....	6-14 hours
Religion .....	12-16 hours
Social Science .....	12 hours
Electives—sufficient to make a four-year total of 128 semester hours.	

1. FUNDAMENTAL CONCEPTS OF MATHEMATICS	<i>First semester, 2 hours</i>
This course is designed for the teacher education program. It emphasizes the major concepts of number, measurement, function, and proof which help man to understand the quantitative relationships in his natural and social environment.	
2. FUNCTIONAL MATHEMATICS	<i>Second semester, 2 hours</i>
Prerequisite: Mathematics I. A thorough review of fundamental processes of arithmetic; development of a mature understanding of arithmetic.	
4. INTRODUCTION TO MATHEMATICS	<i>Second semester, 3 hours</i>
A unified course consisting of topics from different areas of modern mathematics. The emphasis is on mathematical ideas rather than drill in the manipulation of mathematical symbols. This course is designed to apply on the 12 hours basic science requirement. (Not a preparation for General Physics or General Chemistry.)	

## 11:12. FRESHMAN MATHEMATICS

*Two semesters, 8 hours*

Prerequisites: One unit of secondary algebra and one unit of secondary geometry.

A unified course consisting of topics from college algebra, trigonometry, and analytic geometry.

## 51. ANALYTIC GEOMETRY

*First semester, 2 hours*

Prerequisite: Mathematics 11:12.

This course is primarily for those students who have transferred from other colleges and wish to take calculus and have not had a course equivalent to Mathematics 11 and 12 or those students who have taken Mathematics 11 and 12 prior to the academic year 1959-60. Equations of curves in rectangular and polar coordinates. Study of the properties of the straight line and the conics. (Offered only on sufficient demand.)

## 82. STATISTICS

*Second semester, 3 hours*

See Economics 82.

Does not apply on a mathematics major or minor.

## 99. DIFFERENTIAL CALCULUS

*First semester, 4 hours*

Prerequisite: Mathematics 11:12.

Elementary functions, ordinary and partial derivatives, applications.

## 100. INTEGRAL CALCULUS

*Second semester, 4 hours*

Prerequisites: Mathematics 11:12; 99.

Indefinite integrals, definite and multiple integrals, infinite series, applications.

## 111. DIFFERENTIAL EQUATIONS

*First semester, 3 hours*

Prerequisite: Mathematics 99:100.

Classification and solution of common types of ordinary differential equations. Applications to problems arising in the physical sciences.

## 112. METHODS OF APPLIED MATHEMATICS

*Second semester, 3 hours*

Prerequisite: Mathematics 111.

Vector analysis, introduction to complex variables, characteristic value problems, Laplace transforms, Bessel functions.

## \*121:122. ADVANCED CALCULUS

*Two semesters, 6 hours*

Prerequisite: Mathematics 99:100.

Introduction to point set topology, continuity, uniform continuity, integration, improper integrals, convergence, uniform convergence, sequences of functions, infinite series.

## 151:152. INTRODUCTION TO MODERN ALGEBRA

*Two semesters, 6 hours*

Prerequisite: Mathematics 99:100.

Groups, rings, fields, integral domains, vector spaces, matrices, algebraic solution of equations.

**Bachelor of Science With a Major in Natural Science****COURSE REQUIREMENTS****MAJOR (Natural Sciences) ..... 36 hours**

This major is designed especially for teachers to enable them to receive a wider, more diversified training in the whole area of Natural

Sciences. (Biological Science, Chemistry, Physics, Mathematics.) It consists of thirty-six semester hours, eighteen of which must be in one area (six of which must be upper biennium), and a minimum of eight hours each in two others. Open only to prospective teachers.

MINOR in Education (see page 77) .....	24 hours
Literature 51, 52 or 61, 62 .....	4 hours
Speech 5:6 .....	4 hours
Applied Arts .....	4 hours
Fine Arts 60 or 61 required .....	4 hours
Health 7, 8 .....	1 hour
Religion .....	12-16 hours
Social Science .....	12 hours
†Electives sufficient to make a four-year total of 128 semester hours.	

## PHYSICS

The courses in this subdivision are intended to present Physics as a typical science, and to acquaint students with its relation to other sciences and with some of its applications in the fields of research, engineering, radio communication, medicine, and dentistry.

### Bachelor of Arts With a Major in Physics

MAJOR: A major in Physics requires thirty hours. Mathematics through differential equations is indispensable.

MINOR: A minor in Physics requires eighteen hours.

### COURSE REQUIREMENTS

MAJOR (Physics) .....	30 hours
(Physics 51-52, 181, 182**; Math. 11:12; 99, 100; 111 are required; Chemistry 1-2 is recommended; Chemistry 151:152 may count on the physics major)	
MINOR .....	18 hours

†Electives to be selected to meet denominational and state certification.

\*\*Students who have worked in the department research project as research assistants may, with the approval of the department, waive an equivalent part of this requirement.

English 1-2 .....	6 hours
Literature 51, 52 or 61, 62 .....	4 hours
Applied Arts .....	4 hours
Fine Arts, including 60 or 61 required .....	4 hours
Foreign Language (German or French recommended) .....	6-14 hours
Health 7, 8 .....	1 hour
Religion .....	12-16 hours
Social Science .....	12 hours
Electives—sufficient to make a four-year total of 128 semester hours.	

Pre-medical students will add Biology 45, 46 and 145 and Chemistry 1-2, 63, 102, 113-114.

### Bachelor of Science With a Major in Physics

(For students planning graduate work in physics)

#### COURSE REQUIREMENTS

MAJOR (Physics) .....	40 hours
Including: Physics 51-52; 181, 182**. The re- maining hours may be selected from any offering in the Physics Department, except Physics 2, from Physical Chemistry (Chemistry 151:152) and from Methods of Applied Mathematics (Math. 112)	
Mathematics .....	21 hours
Including: Math. 11:12; 99, 100; 111.	
Chemistry 1-2 .....	8 hours
Cognate requirement for major .....	4 hours
Industrial Arts 1, 2; 15, 16; 51, 52.	
English 1-2 .....	6 hours
Literature 51, 52, 61 or 62 .....	2 hours
Fine Arts 60 or 61 required .....	2 hours
Foreign Language: German 21-22; 83-84 .....	6-14 hours
(This requirement can be adjusted for those having started French or Russian.)	
Health 7, 8 .....	1 hour

\*\*Students who have worked in the department research project as research assistants may, with the approval of the department, waive an equivalent part of this requirement.

Religion ..... 12-16 hours  
 Social Science ..... 10 hours  
 Electives—sufficient to make a four-year total of 128  
 semester hours.

\*2. INTRODUCTION TO PHYSICS

*Second semester, 3 hours*

This course is designed specifically for students preparing for elementary school teaching. Simple demonstrations of physical principles, using materials available in the home or school, and discussion of basic ideas involved; emphasis is laid on application (to home appliances, automobile, and such things) and on the perception of character lessons in the material. Open only to students in elementary education curriculum. Two hours lecture, three hours laboratory, each week.

51-52. GENERAL PHYSICS

*Two semesters, 8 hours*

Prerequisite: Math. 11:12 or equivalent.

An introduction to the traditional fields of physics using a combination of everyday experiences with automobiles, musical instruments, etc., and the tools of algebra and trigonometry. Discussion of modern physics: atomic physics, x-rays, nuclear physics, earth satellites, and the like. Three hours lecture, three hours laboratory each week.

53-54. EXTRA HOUR OF GENERAL PHYSICS FOR MAJORS AND ENGINEERING STUDENTS

*Two semesters, 2 hours*

Prerequisite: Math. 11:12 or equivalent.

One class period per week on advanced problems and derivations relevant to the coursework in Physics 51-52. Open only to physics majors and pre-engineering students; must be taken concurrently with Physics 51-52.

61:62. DESCRIPTIVE ASTRONOMY

*Two semesters, 6 hours*

An elementary study of our solar system and its relation to the stellar universe. Two hours lecture, three hours laboratory each week.

\*81. ELECTRONICS

*First semester, 4 hours*

Prerequisite: One unit of secondary mathematics.

A non-mathematical treatment of common receivers, transmitters, and transducers as the microphone, speaker, and antenna. Three hours lecture, three hours laboratory each week.

\*92. INTERMEDIATE ASTRONOMY—stellar structure

*Second semester, 3 hours*

Prerequisites: Math 11:12; Physics 51; Physics 52 concurrently.

Experimental information about the light from the stars is studied using the concepts developed in General Physics. The possibility that the energy emitted by the stars is of nuclear origin is thoroughly considered. The material in this course does not depend heavily upon that of Descriptive Astronomy, and hence Physics 61 is not prerequisite to this course.

102. PHYSICAL OPTICS

*Second semester, 4 hours*

Prerequisites: Physics 51-52; Math. 99, 100.

Refraction, reflection, interference, and absorption of light are shown to follow from the principles introduced in General Physics. Three hours lecture, and three hours laboratory, each week.

103. KINETIC THEORY *First semester, 3 hours*  
 Prerequisites: Physics 51-52; Math. 99, 100.  
 Many properties of gases, liquids, and solids can be derived from the assumption that matter is composed of small particles in motion. Three hours lecture each week.

\*123. ATOMIC PHYSICS *First semester, 3 hours*  
 Prerequisites: Physics 51-52; Mathematics 111 concurrently.  
 Analysis of atomic spectra from the Bohr-Sommerfeld model of the atom. Introduction to the wave mechanics.

124. NUCLEAR PHYSICS *Second semester, 3 hours*  
 Prerequisites: Physics 51-52; Math. 111 concurrently.  
 The contributions of each of several models of the nucleus to our understanding of radioactivity, fusion and fission. Discussion of the source of stellar energy.

126. NUCLEAR PHYSICS INSTRUMENTS LABORATORY *Second semester, 1 hour*  
 Prerequisite: Physics 52.  
 Electromagnetic measurements and radiation measurements; gamma ray intensity and absorption; dosimetry. Three hours laboratory each week.

151:152. ANALYTIC MECHANICS *Two semesters, 6 hours*  
 Prerequisites: Physics 51-52; Mathematics 111 concurrently.  
 The mechanics of general physics is reformulated in more advanced terms, and problems such as that of the gyroscope are discussed. Introduction to the theory of relativity. Vectors are discussed as needed.

161:162. ELECTRICITY AND MAGNETISM *Two semesters, 8 hours*  
 Prerequisites: Physics 51-52; Math. 111 or concurrently.  
 The electromagnetic principles of general physics are reformulated in advanced terms so that problems may be discussed such as wave guides. Vectors are introduced as needed. Three hours lecture and three hours laboratory each week.

181. SPECTROSCOPY *Either semester, Up to 4 hours*  
 The student takes part in the research project under way in the Physics department and becomes familiar with research procedure and reporting. This course is limited to majors and minors.

191. PROBLEMS IN PHYSICS *Either semester, 1 hour*  
 Individual research work in some field of Physics elected by the student.

# NURSING

HARRIETT SMITH, *Chairman*

GLENDA ROLFE, DOLORES CHAPMAN, HELGA FOREHAND, MIRIAM KERR, CHRISTINE KUMMER, MERLE SOLLOWAY

## PHILOSOPHY

The philosophy and objectives of Christian education as stated by Southern Missionary College are fundamental to the philosophy of the Division of Nursing.

This division acknowledges its unique responsibility for promoting complete nursing service and therefore curriculum offerings are planned to develop the Christian professional nurse. A professional nurse is acknowledged as one who gives complete nursing care; uses basic communication skills in organizing, planning, and directing the work of others; co-operates democratically with allied professional and citizen groups for the improvement of the total health services; maintains personal identity; and attains individual satisfactions in daily life at the same time he serves the community. The professional nurse accepts his responsibility by contributing to research, upholding professional ideals and standards, and working toward continued improvement and growth.

Christian nursing is essentially a service to one's neighbor. The nurse's neighbor is anyone, anywhere, who needs her care. This care includes the betterment of health, the preservation of life, and the prevention of disease. Such care is accomplished through remedial measures, health teaching, and through a living example in the life and health of the nurse himself.

## OBJECTIVES

Curriculum offerings are planned to help the student:

1. To develop ability to function in beginning positions in nursing, including public health.
2. To develop understanding and ability in providing comprehensive nursing care.
3. To develop an appreciation and vision for missionary service.
4. To develop an awareness of professional responsibility.

**Bachelor of Science in Nursing**

MAJOR (Nursing) .....	62 hours
Including 27, 29, 54, 56, 60, 91, 95, 97, 145, 192, 193, 341, 450, 451, 141, 180, 189.	
Education and Psychology .....	12 hours
Including 51, 180, 245, 442.	
Language and Literature .....	10 hours
Including Freshman English 1-2, Speech 5, Literature 51 or 52 or 61 or 62.	
Sociology .....	6 hours
Including Sociology 20, Marriage and Family 82, Cultural Patterns 61.	
Biology .....	10 hours
Including Anatomy and Physiology 11, 12; Microbiology 22.	
Chemistry .....	6 hours
Including Survey of Chemistry 7, 8.	
Health .....	1 hour
Including Physical Education 7, 8.	
Home Economics .....	4 hours
Including Foods and Nutrition 2; Social Ethics 61.	
Religion .....	12 hours
Including Teachings of Jesus 11, 12; Ministry of Healing and World Religion 54; Bible Doctrines and Personal Evangelism 95.	
History .....	3 hours
Including American History 53 or 54.	
Electives .....	2 hours

**RELIGIOUS HISTORY**

The Division reserves the right to ask any student, who gives evidence that in any phase of work or social life he is out of harmony

with the philosophy of the school or whose progress is in general unsatisfactory, to withdraw or transfer to another field.

The curriculum covers four academic years in which the student completes approximately half his work in liberal arts and science courses, and half in the major field, with a total of 128 semester hours.

The student spends the freshman academic year and the first semester of the sophomore year on the Collegedale campus. Following this, the student registers on the Orlando campus. The second semester of the senior year he spends on the Collegedale campus, completing the major in nursing.

Students from other colleges having completed the prescribed curriculum for registration on the Orlando campus may be eligible to register in the sophomore year of the curriculum in nursing. The faculty reserves the right to make curriculum changes at any time in harmony with current trends in education.

*Specific Entrance Requirements:*

Mathematics (one of which must be Algebra;	
Business Math. not accepted) .....	2 units
Natural Science .....	2 units
Social Science .....	2 units

23. INTRODUCTION TO NURSING I *First semester, 1 hour*

A brief orientation to the field of nursing and the responsibilities of the nurse as a member of the health team. Emphasis is on communication skills essential in carrying out comprehensive nursing care. Offered only 1960-61.

25. INTRODUCTION TO NURSING II *First semester, 2 hours*

This course is designed to help the student to become aware of his own health needs and those of the public. It includes an introduction to the basic principles and skills of general nursing care. Offered only 1960-61.

27. INTRODUCTION TO NURSING *First semester, 2 hours*

A brief orientation to the field of nursing and the responsibilities of the nurse as a member of the health team. This course is designed to help the student to become aware of his own health needs and those of the public. It includes an introduction to the basic principles and skills of general nursing care.

29. INTRODUCTION TO NURSING FUNCTIONS *First semester, 3 hours*

An introduction to nurse-patient and nurse-co-worker relationships and to professional communication techniques.

54. FUNDAMENTALS OF NURSING *Second semester, 5 hours*

An introduction to the care of patients manifesting the more common nursing care problems. The aspects of comprehensive nursing care are

utilized to give the student an understanding of the scope of these problems, and to provide opportunity for the development of beginning skills in problem solving as it relates to patient care. Classes are correlated with laboratory experience; in the departments of a general Seventh-day Adventist hospital. The course extends for a six-week period.

**56. MEDICAL AND SURGICAL NURSING I** *First and second semesters, 8 hours*

This course is designed to introduce the student to problems of patients with specific disease entities. Consideration is first given to the effects of chronic illness as it alters an individual's way of living. Further consideration is given to the comprehensive nursing care of patients with respiratory, gastrointestinal, and circulatory disorders. Classes are correlated with laboratory experience in the Medical and/or Surgical departments of a Seventh-day Adventist hospital. The course extends for a twelve-week period.

**60. PROFESSIONAL RELATIONS** *Second semester, 1 hour*

An introduction to the professional relationships with patients and co-workers in nursing and related professions. Emphasis is placed on methods of problem solving and critical thinking to aid the student in making decisions.

**91. MEDICAL AND SURGICAL NURSING II** *First semester, 5 hours*

A continuation of Medical and Surgical Nursing I, considering the comprehensive nursing care of patients with endocrine, urological, neurological, gynecological and orthopedic disorders. Classes are correlated with laboratory experience in the medical and/or surgical departments of a Seventh-day Adventist hospital. The course extends for a six-week period.

**95. OBSTETRICAL NURSING** *Either semester, 6 hours*

A study of obstetrics as related to the comprehensive nursing care of the mother and baby. Classes are given in conjunction with 12 weeks of laboratory experiences.

**97. FAMILY AND HEALTH TEACHING** *Either semester, 2 hours*

Instructors' course in Red Cross Home Care of Sick. Experience in conducting home nursing classes prepares the student as a certified instructor.

**141. PUBLIC HEALTH SCIENCE** *First semester, 2 hours*

The study of the principles, trends, organization, and administration of public health nursing basic to effective family health service in any community.

**145. PUBLIC HEALTH NURSING** *First semester, 6 hours*

Classes are correlated with eight weeks of supervised field practice. Conferences, clinics, family visits, and school visits help the nurse to function more effectively as a citizen in group planning for better community health.

**180. PROFESSIONAL RELATIONS** *Second semester, 1 hour*

A study of nursing organizations. Methods of parliamentary procedure are demonstrated and practiced in preparation for a place in these organizations. Legal responsibilities are considered in the light of practical professional problems.

189. MEDICAL AND SURGICAL NURSING III *First semester, 2 hours*  
 A continuation of Medical and Surgical Nursing II, developed through a problem approach to patients with communicable diseases, eye, ear, nose, and throat, and dermatological disorders. Laboratory experience will be provided when available in conjunction with the laboratory experience for 193 Comprehensive Nursing Care.

193. COMPREHENSIVE NURSING CARE *First semester, 6 hours*  
 A study of the interpersonal relationships inherent in team nursing from the standpoint of the team leader; principles of organization and administration as applied to the team leaders. The problem solving technique is utilized in preparing a final paper dealing with a problem in nursing care. Classes are correlated with laboratory experience in team nursing. The course extends for a ten-week period.

192. SEMINAR IN NURSING *Second semester, 3 hours*  
 The development of nursing, including the progress of the Seventh-day Adventist health program; trends in nursing; opportunities for the graduate nurse; job selection; and placement after graduation.

### Courses Taken on the University of Florida Campus

NSG. 111. INTRODUCTION TO NURSING FUNCTIONS *3 hours, 3 credits†*  
 Open to University College students. A required course for nursing students. Offered 2. An exploration of the role of the nurse in health promotion and care of the sick. Introduction to nurse-patient and nurse-co-worker relationships and to professional communication techniques. Offered only 1960-61.

NSG. 341. PEDIATRIC NURSING LABORATORY *8 hours laboratory, 4 credits†*  
 Offered 2. Prerequisites: NSG. 330 and NSG. 331. Provides opportunities for clinics, conferences, and practice in the nursing care of children in the hospital and outpatient clinic.

NSG. 450. PSYCHIATRIC NURSING *3 hours, 3 credits†*  
 Prerequisites: NSG. 230. Offered 1, 2.  
 This course is concerned with the knowledge, understanding, skills, and attitudes essential to the nursing care of patients with psychiatric disorders. Designed to broaden and deepen understandings already gained in relation to mental health.

NSG. 451. PSYCHIATRIC NURSING LABORATORY *6 hours, 3 credits†*  
 Prerequisites or corequisite: NSG. 450.  
 Provides opportunity for conferences, clinics, and practice in the care of psychiatric patients.

EDF. 245. HUMAN GROWTH AND DEVELOPMENT *4 hours, 3 credits†*  
 Offered 1, 2, 3. A first course in professional education designed to acquaint students with a basic understanding of the nature and dynamics of human behavior. Particular attention will be given to the effects of physical growth, the family, peer relationships, and the school on the development of adequate personalities. Experiences will include observation of children in the P. K. Yonge Laboratory and/or School.

442. EDUCATIONAL PSYCHOLOGY *3 hours, 3 credits†*  
 An understanding of the applications of psychological principles to the educational process. It treats such topics as individual differences, principles of learning, transfer of training, and the nature of reasoning.

†Credits are equivalent to semester hours.

# RELIGION, THEOLOGY, APPLIED THEOLOGY

OTTO H. CHRISTENSEN, *Chairman*; CLIFFORD A. REEVES, GORDON HYDE, HENRY BAASCH

The course in theological training at Southern Missionary College is integrated with the curriculum of the School of Religion at Potomac University, Berrien Springs, Michigan. This program requires five years, the first four of which are taken at this college and the fifth at the School of Religion. A total of 128 semester hours leading to the Bachelor of Arts Degree will be taken on the undergraduate level, and the Master of Arts Degree in Religion will be taken on the graduate level.

Approval for entrance into, and continuance in, the ministerial curriculum of Southern Missionary College is to be secured from the sub-committee on Ministerial Recommendations, which is guided by the standards and procedures expected of each theology student. These standards and procedures for obtaining a degree in this field will be obtainable at the time of registration or from the Division of Religion office. Each theology student will be held responsible for obtaining this information.

## ENTRANCE REQUIREMENTS FOR THE SCHOOL OF RELIGION

Those students planning to attend the School of Religion should closely observe the following list of requirements and recommended courses.

	<i>Semester Hours</i>
Religion and Applied Theology .....	36 hours
At least 26 hours in Bible	
Greek .....	12 hours
English, Literature, Speech .....	16 hours
History, Social Studies .....	16 hours
Natural Sciences .....	6 hours
Psychology, Education .....	7 hours
Health and Religion .....	2 hours
Total .....	95 hours

Electives to meet major, minor, and department requirements as well as the total hours required for the bachelor's degree.

It is recommended that the above minimum entrance requirements include the following courses or subjects:

**Religion and Applied Theology**

Life and Teachings of Jesus  
 Bible Doctrines  
 Daniel and the Revelation  
 The Spirit of Prophecy  
 Introduction to the Ministry (6 semester hours)

**English, Literature, Speech**

Composition  
 Literature (World Literature preferred)  
 Fundamentals of Speech

**History**

European Civilization  
 The Ancient World

**Social Studies**

Sociology or Political Science (a minimum of 3 semester hours)

**Psychology, Education\***

General or Child Psychology (a minimum of 2 semester hours)  
 Principles of Education (a minimum of 2 semester hours)  
 Elementary School Administration (a minimum of 2 semester hours)  
 (To a total of 7 hours applying toward the three-year elementary teacher certificate)

**Bachelor of Arts With a Major in Theology**

**COURSE REQUIREMENTS AND RECOMMENDATIONS**

MAJOR (Religion and Bible) ..... 30 hours  
 Required: Bible 11, 12, 165, 166; Religion  
 5, 59, 60.

\*Students who plan to teach at the secondary level and to secure the five-year secondary certificate from the Department of Education of the General Conference of Seventh-day Adventists should take a minimum of 15 semester hours of professional training in education in the senior college or otherwise secure such credits before entering the profession of teaching.

Applied Theology .....	6 hours
Required: Introduction to the Ministry 175, 176;	
Recommended: Personal Evangelism 73.	
MINOR .....	18 hours
Psychology .....	8 hours
Required: Education 21, 51, 61.	
English 1-2, Literature 51, 52 or 61, 62 .....	10 hours
Speech .....	8 hours
Required: 5:6. 119-120.	
Fine Arts 60 or 61 required .....	6 hours
Recommended: Music 63 and 24.	
Foreign Language .....	14 hours
Required: Greek 31-32; 101, 102.	
Health .....	3 hours
Required: 7, 8, 53.	
Natural Science—Mathematics .....	12 hours
(Six hours must be a science with laboratory)	
Social Science .....	16 hours
Required: 1, 2; Recommended: 6, 82, 151, 152.	
Applied Arts .....	4 hours
Recommended Secretarial Science 13.	
Electives—sufficient to make a four-year total of 128 semester hours.	

### Bachelor of Arts With a Major in Religion

Only students with a double major, pre-medical students, women, or male students above 35 years of age at the time of their registration will be permitted to take a major in religion without meeting the other requirements of the theological curriculum.

## COURSE REQUIREMENTS

MAJOR (Religion and Bible) .....	30 hours
Required: 5, 11, 12, 59, 60, 165, 166.	
MINOR in Religion .....	18 hours
(Applied Theology does not count)	
English 1, 2; Literature 51, 52 or 61, 62 .....	10 hours
Fine Arts 60 or 61 required .....	6 hours
Foreign Language .....	6-14 hours
Health 7, 8 .....	1 hour
Natural Science—Mathematics .....	12 hours
Social Science 1, 2 .....	12 hours
Applied Arts .....	4 hours
Vocational .....	4 hours
One of the following courses is required:	
Education 21; Health and Religion 53 .....	2 hours
Electives—sufficient to make a four-year total of 128 semester hours	

## Four-year Curriculum for Bible Instructor

Students who desire to take a four-year course of studies in preparation for the work of a Bible Instructor will be expected to meet the same admission requirements and scholastic performance as required of all candidates for the Bachelor of Arts degree.

In general they will follow the above recommended sequence for the Major in Religion under the direction of the curriculum advisor. Students in this course will choose studies in the field of Home Economics, Music, and Applied Theology as their class load and ability indicates.

## BIBLE

1, 2. BIBLE SURVEY	<i>Two semesters, 4 hours</i>
An introduction to the Scriptures, required of those who have not had Old or New Testament history in the secondary school. Exemption may be obtained by examination. Credit for this course does not apply on a major in religion.	
11, 12. LIFE AND TEACHINGS OF JESUS	<i>Two semesters, 4 hours</i>
The inter-testamental background of the times of Jesus, as well as a chronological study of Jesus' life and teachings, as found in the four Gospels. Also included are the spiritual lessons from this study.	
51, 52. SURVEY OF BIBLE PROPHECY	<i>Two semesters, 4 hours</i>
Introductory study of the great lines of Bible prophecy with special emphasis on the book <i>Daniel and the Revelation</i> .	

131, 132. OLD TESTAMENT PROPHETS	<i>Two semesters, 6 hours</i>
A survey of the major and minor prophets of the Old Testament including a background of their lives and teaching, with the application of their messages for modern man.	
151, 152. PAULINE EPISTLES	<i>Two semesters, 6 hours</i>
An exegetical study of the Pauline epistles in the order of their composition, including a background survey of the book of Acts.	
165. DANIEL	<i>First semester, 2 hours</i>
Prerequisite: Social Science 1, 2 or 131, 132. A comprehensive study of the great prophecies of the book of Daniel and their lessons for our day, including a survey of its background and historical setting. Special attention is given to the defense of the book against modern critics.	
166. REVELATION	<i>Second semester, 2 hours</i>
Prerequisite: Social Science 1, 2 or 131, 132. A study of the prophecies and symbolisms of this book with their historical fulfillments and their intimate relationships to the prophecies of the book of Daniel.	

## RELIGION

5. PROPHETIC GIFT	<i>First or second semester, 2 hours</i>
A study of the Scriptural background of the Spirit of Prophecy in the Old and New Testament with special emphasis on its manifestation in the remnant church in harmony with prophetic predictions. Objections and problems connected with its manifestation will be given consideration.	
53. HEALTH AND RELIGION	<i>One semester, 2 hours</i>
A study of the origin, development, and principles of healthful living and its relation to the Christian life, both in diet and temperance, as set forth in the Spirit of Prophecy. Special emphasis is placed on denominational health standards and their harmony with scientific research today.	
†59, 60. FUNDAMENTALS OF CHRISTIAN FAITH	<i>Two semesters, 4 hours</i>
A study of the doctrines of the Christian Faith and their application to life.	
155. CHRISTIAN APOLOGETICS	<i>First semester, 2 hours</i>
A study of the defense of the Christian faith and Biblical doctrines of a polemical nature such as predestination, the problem of suffering, the nature of Christ, etc.	
†160. DOCTRINE OF THE ATONEMENT	<i>Second semester, 2 hours</i>
A study of the great underlying principles of the plan of salvation as illustrated to Israel by the sanctuary service.	
†174. MANUSCRIPTS OF THE BIBLE	<i>Second semester, 2 hours</i>
A study of the ancient sacred writings of Israel and their preservation and development into our present Bible, with emphasis on the discovery and classification of manuscripts and the various versions and revisions.	
184. ESCHATOLOGY	<i>Second semester, 2 hours</i>
A study of the concepts in prophetic literature that pertain to the end of the world and the consummation of the Christian hope.	

†Will not apply for State Teacher Certification.

## †194. PROBLEMS IN RELIGION

*Second semester, 2 hours*

Guided research in religious problems. Open only to religion majors with 20 semester hours credit in religion.

## Religion Courses Offered on the Orlando Campus

54. MINISTRY OF HEALING AND WORLD RELIGION *Second semester, 2 hours*

A study of the principles of Christian living and the work of Christ as the Great Medical Missionary. A brief survey of the major religious beliefs of the world with emphasis on the responsibilities of the nurse in caring for patients with varying religions.

93. BIBLE DOCTRINES AND PERSONAL EVANGELISM *First semester, 2 hours*

Prerequisite: Personal Evangelism 91.

A course in the fundamental doctrines of the Bible and the beliefs of Seventh-day Adventists, including the practice of giving Bible studies. For 1960-61 only.

95. BIBLE DOCTRINES AND PERSONAL EVANGELISM *First semester, 4 hours*

A course in the fundamental doctrines of the Bible and the beliefs of Seventh-day Adventists, including the study of the principles and methods for doing personal work in winning men to Christ, and the practice of giving Bible studies.

## APPLIED THEOLOGY

73. PRINCIPLES OF PERSONAL EVANGELISM *First semester, 2 hours*

A study of methods for doing personal work in winning men to Christ, including the preparation and art of giving Bible studies. Credit for this course can apply on a major or minor in religion for all students except theology students.

119, 120. HOMILETICS AND PULPIT DELIVERY *Two semesters, 4 hours*

Training in the preparation and delivery of the various types of talks and addresses the Christian worker or preacher is called upon to give.

174. EVANGELISTIC METHODS *Second semester or summer, 2 hours*

A general consideration of the procedures involved in conducting various types of evangelistic campaigns and revivals.

175. INTRODUCTION TO THE MINISTRY *First semester, 3 hours*

A study of the man who performs as a minister, including the call to the ministry, intellectual and spiritual qualification and ways in which he should be prepared in order to render successful service to the church.

176. INTRODUCTION TO THE MINISTRY *Second semester, 3 hours*

A study of the various duties and responsibilities of a minister and how to perform them.

## RELIGIOUS HISTORY

## 6. HISTORY OF THE SEVENTH-DAY ADVENTIST CHURCH

*Second semester, 2 hours*

A survey of the rise and progress of the Seventh-day Adventist church. Factors such as the objectives, philosophy, and policies of the denomination are examined. Does not apply on State Teachers' Certification.

†Will not apply for State Certification.

151. ANCIENT AND MEDIEVAL CHRISTIANITY *First semester, 3 hours*  
 Prerequisite: History 1, or equivalent.  
 A survey of movements, tendencies, doctrines, and personalities in the Christian church from Apostolic days to the modern era.

152. MODERN CHRISTIANITY *Second semester, 3 hours*  
 Prerequisite: History 2, or equivalent.  
 A study of the reformatory movements in various countries and the development of the modern and current religious situation.

### Two-year Curriculum for Bible Instructor

For admission requirements see page 44.

This curriculum is intended to prepare young women for work as Bible instructors in connection with the evangelistic activities of the Seventh-day Adventist denomination.

Religion 1, 2 (or 11, 12) 5, 59, 60 .....	12 hours
English 1-2 .....	6 hours
Applied Theology 73 .....	2 hours
Natural Science .....	6 hours
Social Science 1, 2, 82 .....	8 hours
Home Economics 1, 2 .....	6 hours
Speech 5:6 .....	4 hours
Health 7, 8, Health & Religion 53 .....	3 hours
Fine Arts 60 or 61 required .....	4 hours
Education 51 .....	3 hours
Electives .....	10 hours

# SOCIAL SCIENCES

E. T. WATROUS, *Chairman*; JEROME CLARK, JAMES ACKERMAN

The objectives of the Division of Social Sciences are to aid in the application of divine ideals to all human relationships; to foster an appreciation of true social and political culture, locally, nationally, and internationally; to develop an intelligent understanding of the relationship between history and Biblical prophecy; and to prepare teachers in the social sciences.

The purpose of the social studies is to assist the student in understanding the complexities of modern society and how the providence of God has influenced history. It is designed to enable him to prepare himself and others for the service of mankind here and for the life hereafter.

## HISTORY

### Bachelor of Arts With a Major in History

#### COURSE REQUIREMENTS

MAJOR (History) .....	30 hours
Including: 1, 2, 53, 54, 184	
MINOR .....	18 hours
English 1-2 .....	6 hours
Literature 51, 52 or 61, 62 .....	4 hours
Fine Arts 60 or 61 required .....	4 hours
Foreign Language .....	6-14 hours
Health 7, 8 .....	1 hour
Natural Sciences—Mathematics .....	12 hours
Religion .....	12-16 hours
Applied Arts .....	4 hours
Electives—sufficient to make a four-year total of 128 semester hours.	

**MAJOR:** A major in history requires thirty hours. It shall include History 1, 2, 53, 54, and 184, and may include six hours of upper bimillennium political science credit. History majors should choose one of the following fields for the minor: Economics, Secondary Education, Religion.

**MINOR:** For a minor in history eighteen hours are required including History 1, 2, 53, 54. It should include three hours of upper bimillennium political science credit. The remainder of the requirement should be in the fields of history and political science.

**1, 2. SURVEY OF CIVILIZATION** *Two semesters, 6 hours*  
 An introductory consideration of the ancient classical and medieval contributions to our own civilization, and a consideration of modern and current developments.

**51, 52. CURRENT AFFAIRS** *Two semesters, 2 hours*  
 A course in current political developments of significance both domestic and international. Newspapers and current periodicals are used as materials.  
 Prerequisite: History 1, 2 or 53, 54.

**53. 54. AMERICAN HISTORY AND INSTITUTIONS** *Two semesters, 6 hours*  
 A study of the development of the character and civilization of the American people, including their politics and social institutions, and reaching to the present time.

**\*111, 112. THE RENAISSANCE AND THE REFORMATION** *Two semesters, 4 hours*  
 Prerequisite: History 1, 2.  
 An analysis of the revival of learning, of the social changes from medieval to modern conditions, and of the causes and courses of the Protestant Reformation which was followed by the Counter Reformation.

**\*131. HISTORY OF ANTIQUITY** *First semester, 3 hours*  
 Prerequisite: History 1, or equivalent.  
 A study of the ancient nations, chiefly Babylonia, Assyria, Egypt, Persia, and Israel.

**\*132. HISTORY OF THE CLASSICAL WORLD** *Second semester, 3 hours*  
 Prerequisite: History 1, or Equivalent.  
 A consideration of Greek culture, of Alexander's Hellenistic empire, of Roman institutions, and of the impact of Christianity upon the ancient world.

**145, 146. HISTORY OF LATIN AMERICA** *Two semesters, 4 hours*  
 Prerequisite: History 53 and 54, or equivalent.  
 A survey of the colonial period, and a careful analysis of the political, economic, social, religious, and cultural development of the Latin-American Republics, and their present relation to world affairs.

**\*148. HISTORY OF THE SOUTH** *Second semester, 3 hours*  
 A study of the Old South from the discovery through the war between the states, the reconstruction and the subsequent developments and recent changes, including the current scene.

**153. EARLY AMERICAN BACKGROUNDS** *Field school, 3 hours*  
 Prerequisite: History 53, 54.  
 An on the ground study of the development of social, cultural, religious and political institutions covering significant places and events from Virginia to New England.

## 151, 152. ENGLISH HISTORY

*Two semesters, 4 hours*

Prerequisite: History 142.

An analysis of the political, social, economic, religious and cultural development of Great Britain and its contributions to the world especially in constitutional and democratic institutions.

## 161. MODERN EUROPE

*3 hours*

Historical developments in Europe since the rise of the new imperialism and the unification of Italy and Germany, with particular emphasis on the political, economic, and social implications for the second half of the 20th century.

## 183. SEMINAR IN HISTORY

*First semester, 1 hour*

Open only to majors in history. Problems of historical research, materials, and methods.

## POLITICAL SCIENCE

115. AMERICAN NATIONAL AND STATE GOVERNMENT *First semester, 3 hours*

The establishment and operation of the Federal Constitution; the national and local judiciary; state, county, and local governments.

## 116. AMERICAN DIPLOMATIC HISTORY

*Second semester, 3 hours*

Significant developments in American Diplomatic History from the Revolutionary Period to the present are examined with emphasis on trends since 1930.

## \*162. CONTEMPORARY INTERNATIONAL RELATIONS

*Second semester, 3 hours*

Prerequisite: History 1 and 2 or 53 and 54 or equivalent.

A critical analysis of the chief factors influencing present-day world affairs, with special emphasis on the ideological and religious background of current conflicts.

## SOCIOLOGY

## 20. INTRODUCTION TO SOCIOLOGY

*Either semester, 2 hours*

## 61. CULTURAL PATTERNS

*First semester, 2 hours*

A study of cultural development based on regional environment, the factors that create certain cultural patterns. The origin and nature of contemporary cultures.

## 82. MARRIAGE AND THE FAMILY

*Either semester, 2 hours*

A course in the ethics of human relationships including the place of the family in society, a Christian approach to the problem of marriage and family life and the inter-relation of parents and children.

## 156. FIELD OF SOCIAL WORK

*Second semester, 3 hours*

The historical background, methods, and functions of public and private programs in the field of social welfare.

## GEOGRAPHY

## 142. WORLD GEOGRAPHY

*Second semester, 3 hours*

Maps, land forms, soil, mineral resources, weather, and climate are considered. Man's adjustment to various physiographic regions is studied.

# PRE-TECHNICAL CURRICULUMS

Southern Missionary College offers pre-professional and pre-technical curriculums in a wide variety of fields. These open the way for students to enter professional schools of their choice for more specific training, or to enter upon a career as technicians.

The College is prepared to cooperate with students desiring to enter fields not listed below, and will work out special sequences of courses needed to meet the entrance requirements to such institutions as may be chosen.

## PRE-MEDICAL

Nearly all medical colleges now require a bachelor's degree of all candidates. Therefore students who later expect to enter a medical college should register as candidates for a Bachelor of Arts Degree, selecting suitable majors and minors.

Students planning to transfer to the College of Medical Evangelists, Loma Linda, California, or any other medical college, should select entrance courses as outlined in the current bulletin issued by that college. Currently these essential courses include:

	Semester Hours
Biology 45, 46; and 145	11
English 1-2	6
Foreign Language	6-14
Chemistry 1-2; 63; 102; 113-114	20
Mathematics 11:12	8
History 53, 54	6
Physics 51-52	8
Religion	12-16

The quality of scholarship required for entrance demands that a grade-point average in natural sciences and other subjects, figured separately, should be not less than 1.5 and a higher grade-point average is desirable. Actually the College of Medical Evangelists is not now accepting any candidates with less than a 1.7 grade-point average. Students who do not reach this grade-point average will not be recommended.

## PRE-DENTAL

Admission: See page 36.

Class A dental colleges require a minimum of two years (sixty hours) of college work, including certain prescribed courses. Students planning to enter the Dental School of the College of Medical Evangelists, Loma Linda, California, should plan on three years of college work, to include the following courses:

	<i>Semester Hours</i>
Biology 45, 46 and 145 .....	11
Chemistry 1-2; 113-114 .....	16 hours
English 1-2 .....	6
Mathematics 11:12 .....	8
Physical Education 7, 8 .....	1
Physics 51-52 .....	8
Religion .....	8

## PRE-LABORATORY TECHNICIAN

Southern Missionary College prepares students for admission to the School of Laboratory Technique of the College of Medical Evangelists. Admission requirements to this pre-medical technology curriculum are the same as for curriculums leading to the Bachelor of Science Degree (See page 36). Three years of college, totaling 96 semester hours, are required as preparation for entrance to a school of medical technology. The 96 hours must include:

	<i>Semester Hours</i>
History 53 or 54 .....	3
American National and State Government 115 .....	3
Mathematics 11:12 .....	8
Physics 51-52 .....	8
Biology 11, 12; 22; 45, 46 .....	18
Chemistry 1-2; 63; 102; 113-114; 171 .....	23 hours
Religion .....	12
English 1-2 .....	6
Psychology 51 .....	3
Foreign Language (German, French, Spanish, or Greek) .....	8

A student presenting two units of the same foreign language from the secondary school may be exempted from this requirement.

Biology 104 may be substituted for Biology 11.

Further information regarding the requirements of the School of Laboratory Technique, College of Medical Evangelists, Loma Linda, California, may be obtained from the bulletin of that school. Students who complete the above courses in college plus the one-year laboratory technician's curriculum in the School of Laboratory Technique at the College of Medical Evangelists will receive the Bachelor of Science Degree from that institution.

### PRE-X-RAY TECHNICIAN

Admission: See page 36.

Thirty semester hours are needed for admission to the College of Medical Evangelists School of X-ray Technique. The following courses should be taken:

	<i>Semester Hours</i>
Anatomy and Physiology 11, 12 .....	6
Chemistry 7-8 .....	6
Mathematics 11:12 .....	8
General Physics 51-52 .....	8
Religion .....	6

### PRE-OPTOMETRY

Admission: See page 36.

The optometry course usually consists of a five-year curriculum, the first two years of which may be taken in an accredited college. The following courses which should be included in the two years' work will fulfill the requirements in most colleges of optometry. The student, however, should check with the requirements of the school of his choice.

	<i>Semester Hours</i>
Biology 45, 46 .....	8
Chemistry 1-2 .....	8
English 1-2 .....	6
Mathematics 11:12; 99, 100 .....	16
Physical Education 7, 8 .....	1
Physics 51-52 .....	8
Psychology 51 .....	3
Religion .....	6

### PRE-PHARMACY

One year of college work is required for admission to schools of pharmacy. The Bachelor of Science in Pharmacy may be obtained at the University of Tennessee and most other universities in three additional years after completing the following courses in Southern Missionary College. Only students having an average of C are admitted to schools of pharmacy. The following courses should be included:

	<i>Semester Hours</i>
Biology 1, 2 .....	6
Chemistry 1-2 .....	8
English 1-2 .....	6
Mathematics 11:12 .....	8
Physical Education 7, 8 .....	1
Religion 1, 2, or 11, 12 .....	4

### PRE-PHYSICAL THERAPY

The College of Medical Evangelists requires two years of college work for admission. The following courses should be included in the curriculum.

	<i>Semester Hours</i>
Religion .....	8
History 53 or 54 .....	3
Political Science 115 .....	3
Psychology 51 and electives .....	6
English 1-2 .....	6
Speech 5:6 .....	4
Physical Education 7, 8 and elective .....	2
†Biology 22, 45, 46 .....	12
Chemistry 7-8 (or 1-2) .....	6
Electives from any field to make total of 62 sem. hrs.	

### PRE-DENTAL HYGIENE

Students planning to take the Pre-dental Hygiene Curriculum at the College of Medical Evangelists should take two years of college work (64 semester hours) and include the following:

†Other Biology courses may be substituted but Human Anatomy and Physiology will not apply. General Zoology is recommended.

	Semester Hours
Accounting 11 .....	3
Biology 2, 11, 12, 22 .....	13
Chemistry 1-2, 81 .....	12
English 1-2 .....	6
History 53, 54 .....	6
Nutrition 2 .....	2
Physical Education .....	2
Psychology 51 .....	3
Secretarial Science 13 .....	2
Sociology 20 .....	2
Speech 5:6 .....	4
Religion .....	8

### PRE-ENGINEERING

Although Southern Missionary College does not offer an engineering degree, a two-year preparatory curriculum is offered, the completion of which enables students to transfer to an engineering school without loss of time. For the first two years all engineering students take approximately the same natural sciences, mathematics, and core-curriculum courses. The following embodies the basic requirements.

	Semester Hours
Chemistry 1-2 .....	8
English 1-2 .....	6
Mathematics 11:12; 51; 99, 100 .....	18
Physical Education 7, 8 .....	1
Physics 51-52; 53-54; 81 .....	14
Mechanical Drawing .....	4
Religion .....	8

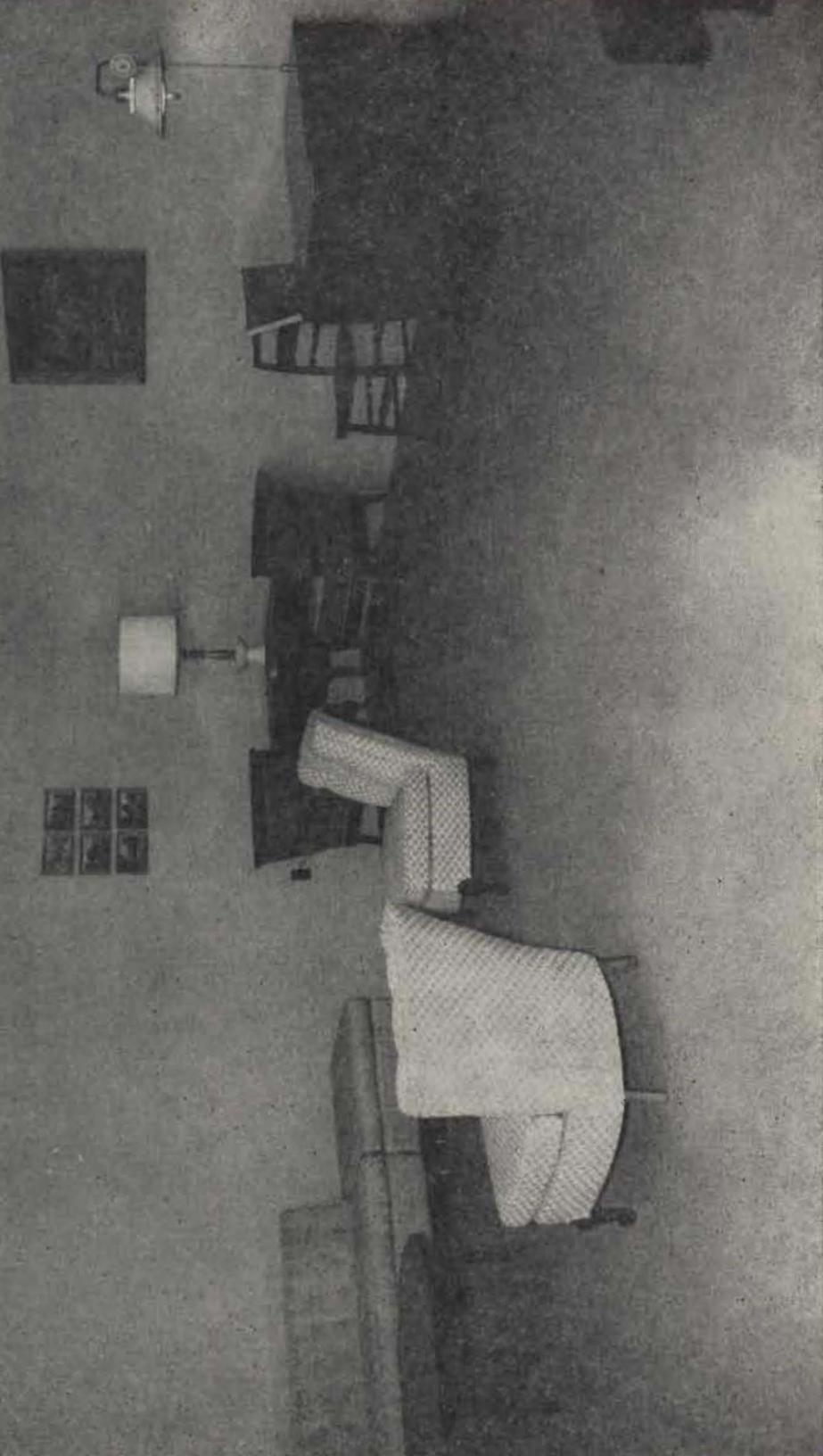
### PRE-LAW

The program below has been fashioned to meet the requirements of the Law School of the University of Tennessee and others accredited by the National Association of American Law Schools. Students who complete 96 semester hours with a grade-point average of 1.0 or better may receive the Bachelor of Arts Degree from Southern Missionary College upon satisfactory completion of 32 semester hours in the law school provided:

1. That the last year of pre-professional work be taken in residence at Southern Missionary College.
2. That application for this degree be made before entering the law school.
3. That the student maintain up to the time of his graduation a pattern of living and conduct compatible with the aims and objectives of Southern Missionary College.
4. That the student fulfills the requirements for a major and a minor.

The courses as outlined below should be in the three-year curriculum necessary for entrance to a law school.

	Semester Hours
English 1-2; 31, 32 or 41, 42 .....	10
Language .....	6-14
Religion .....	12
Science .....	12
Social Science 53, 54, 115 .....	9
Business Law 55, 56 .....	4
Psychology .....	3
Speech 5:6 .....	4



Home Economics Living-in-Room

WOMEN'S DORMITORY BUILDING

CALIFORNIA, TENNESSEE

BIANCHI & PALM, ARCHITECTS

ARCHITECTS

A



# FINANCIAL INFORMATION

## EXPENSES

Having met the full financial and labor requirements the student has actually covered only part of the full cost of his instruction and maintenance. The operating deficit is covered by gifts, subsidies, and funds from other sources. The educational opportunity afforded each student in Southern Missionary College represents a large investment in buildings and equipment, averaging more than two thousand dollars for each student enrolled.

## BASIC COSTS

### RENT IN RESIDENCE HALLS

Residence Hall accommodations are rented for the school year and charged to the student in nine equal payments September through May. Should a student discontinue school before the end of the term his room charge shall end with the close of the month during which he leaves. The basic room charge is \$21.00 per month per student. The rate for rooms with adjoining bath is \$23.00 for each student. This charge is based on two students occupying a room. Where three students occupy one room, the monthly charge per student is reduced by \$2.00. No refund is made because of absence from the campus either for regular vacation periods or for other reasons.

### MARRIED STUDENTS' HOUSING

The College provides approximately thirty-five apartments for married students. These range in size from two rooms to four rooms and are unfurnished. Rents range from \$26.00 per month to \$45.00 per month. Prospective students are invited to write to the Assistant Business Manager for details. A reservation deposit of \$10.00 is charged. This is refunded on the student's final statement of the school year pending satisfactory clearance of housing.

There are fifty or more privately owned apartments in the College-dale community. These also are available to students. Information may be supplied by the Assistant Business Manager upon request.

### BOARD CHARGES

The cafeteria plan of boarding is used, which allows the student the privilege of choosing his food and paying only for what he selects. The minimum monthly charge for dormitory students is \$20.00 for women and \$24.00 for men. This covers a full calendar month. Board charges for students vary greatly. The average monthly charge of the past school year was approximately \$40.00 for men and \$30.00 for women. However, individual charges varied from minimum to over \$70.00 for men and from minimum to nearly \$60.00 for women.

No reduction of the minimum charge is made for absence from the campus except for specified vacations of one week or more, and in cases of emergency. Three meals a day are served. Students living in the residence halls are expected to take their meals in the dining room.

### ADVANCE PAYMENT

An advance payment on or before the date of registration is required of all students including veterans and those expecting colporteur or teaching scholarships. Included in this advance payment is a deposit which is refunded at the close of the school year or upon withdrawal from school.

The amount of this advance payment is determined as follows:

- A. Those being charged housing, tuition, and board ..... \$175.00
- B. Those being charged any two of the three above ..... 150.00
- C. Those being charged any one of the three above ..... 125.00

Students registering for music only are not required to pay any advance deposit or general fee, but there is a \$2.00 registration fee for all such music students. However, a rental will be levied for use of piano or organ.

The advance payment is distributed as follows:

- A. Student Association Fee ..... \$12.00
- B. Medical—including Blue Cross-Blue Shield and services of school physician and nurse as set forth in a separate pamphlet ..... 20.00
- C. General Fee ..... 50.00
- D. Balance to be refunded on the final statement of the school year.

**BREAKAGE DEPOSIT**

Students registered in certain laboratory classes will be charged a \$5.00 Breakage Deposit at the time they are assigned a laboratory locker and issued supplies and/or equipment. This amount, less any breakage, will be refunded to the student at the close of his course provided he cleans his locker and equipment in the manner prescribed by the laboratory department involved.

**STUDENT ASSOCIATION**

The Student Association of Southern Missionary College publishes the school paper, *The Southern Accent*, and the annual, *The Southern Memories*. The Student Association also has other financial obligations such as the payment of major offices, school projects, etc. To cover the costs of these various endeavors a fee of \$12.00 per student per years is required. This fee is included in the advance payment and is not refundable.

In the case of married students both attending school only one student association fee is charged per family. However, a charge will be made for the extra photo required for the annual.

**TUITION AND FEES—For 1960-1961 Fiscal Year**

Semester Hours	Tuition Per Sem.	Tuition Per Year	General Fee
1	\$ 22.00	\$ 44.00	\$ 5.00
2	44.00	88.00	10.00
3	66.00	132.00	15.00
4	88.00	176.00	35.00
5	110.00	220.00	35.00
6	132.00	264.00	35.00
7	154.00	308.00	50.00
8	176.00	352.00	50.00
9	198.00	396.00	50.00
10	220.00	440.00	50.00
11	234.00	468.00	50.00
12	248.00	496.00	50.00
13	262.00	524.00	50.00
14	276.00	552.00	50.00
15	290.00	580.00	50.00
16	304.00	608.00	50.00
17	318.00	636.00	50.00
18	332.00	664.00	50.00

## FINANCIAL PLANS SUMMARIZED — BOARDING STUDENTS

## SOUTHERN MISSIONARY COLLEGE

1960-61

Plan	Sem.	Hours	Hours Labor Per Week	Monthly			Year		
				Cash	Labor	Total	Cash	Labor	Total
1	16	0		\$125.00	.....	\$125.00	\$1124.00	.....	\$1124.00
2	16	12		89.00	\$36.00	125.00	812.00	312.00	1124.00
3	16	18		71.00	54.00	125.00	656.00	468.00	1124.00
4	12	26		35.00	78.00	113.00	336.00	676.00	1012.00
*5	8	36 <sup>1/2</sup>							

1. This summary is based upon: tuition; a monthly board bill of \$35.00 which is average; a labor rate of 70 cents per hour whereas rates vary from 55 cents to \$1.00; normal room rent and laundry. No books or music lessons are computed into this summary. Neither is there included the items of expense covered by the advance payment, withholding tax or tithe and church expense.
2. The plans as presented are only approximate. With the great variance of board bills and labor rates a student's cash obligation after labor deduction may vary considerably from this figure. The amount to be paid is that called for by the monthly statements. Tuition will be divided into nine equal payments beginning with the September statement.
3. The figures shown as "Hours of Labor Per Week" opposite Plans 2, 3, and 4 are the average allowed. Therefore students may be required to adjust their hours in accordance with individual capacity.

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\*Only a few students can be accepted on this plan which is an all-work basis. Write the Assistant Business Manager for information

Tuition charges are made in four equal installments for each semester, monthly, beginning with the statement for October.

It is assumed to be the earnest purpose of each student to secure an education, and since even those working their entire way have time for as much as one half of a full-class load, each residence hall student is urged to carry at least that much school work. Except by permission of the President's Council, the minimum course load a student may carry is eight hours.

The College assumes no responsibility to provide work to students enrolled for less than eight semester hours of class load.

The General Fee is included in the advance payment. It includes charges for lyceum programs, library fee, laboratory fees, charges for musical organizations, graduation expense, matriculation expense, and rentals on pianos, organs, musical instruments, and typewriters for those whose classes require the use of such.

A 50 per cent refund on the General Fee will be credited to any student withdrawing on or before the completion of the first nine weeks. No refund will be granted thereafter.

For those entering the second semester, the General Fee shall be 70 per cent of the yearly charge. A 25 per cent refund will be given to those entering second semester but withdrawing during the first five weeks of the second semester.

**No separate charges are levied for laboratory, music organizations, library, lyceum, or equipment rentals.**

#### MUSIC TUITION

The charge for any private music instruction is \$36.00 per semester, or \$72.00 for the year, for a minimum of 15 lessons per semester. This charge is made in eight installments of \$9.00 each, in the same manner as the regular tuition. In addition to private instruction in voice, classes of from two to five students are arranged at a cost per student of \$22.00 per semester. All persons who wish to take music must enroll for it at the Registrar's Office even if they are not taking it for credit or if music is all they are taking. There is a \$2.00 registration fee for those who are taking music only.

Students who enroll late, or who withdraw before the end of the semester are charged at the rate of \$2.40 per week up to a maximum of \$36.00 for one lesson a week. Withdrawal is made by means of a drop

voucher obtained at the Registrar's Office. There are no refunds for specified vacation periods or lessons missed because of the student's absence.

#### ROOM DEPOSIT FOR SINGLE STUDENTS

Single students not living with their parents or close relatives are required to reside in one of the College Residence Halls. A residence hall room may be reserved by mailing a \$10.00 room deposit to the Secretary of Admissions at the college. This deposit will be refunded on the September statement of each student registered.

This deposit is not refundable to students who do not register unless notice of nonattendance is received by the College on or before August 15 (approximately 3 weeks before registration).

#### HOUSING DEPOSIT FOR MARRIED STUDENTS

Married students accepted for the ensuing term should contact the Assistant Business Manager of the College should they desire to reserve housing from the college. Once housing accommodation is agreed upon, it can be reserved by mailing a \$10.00 room deposit to the attention of the Assistant Business Manager.

This deposit will appear to the credit of the student at the time of his departure provided the accommodation is left in good order.

Since the deposit serves not only as a reservation fee but also as a guarantee that the accommodation will be left in good order, all students registered and living in college housing will be charged this deposit.

In case the student's application is not accepted; or if notice of nonattendance is given the College three weeks before the opening of the term, the deposit will be refunded.

#### LATE REGISTRATION

For late registration ..... \$5.00

See page 33 for statement of the exact day and hour when each student is expected to present himself for testing and/or registration.

#### MARRIED COUPLES AS STUDENTS

For a married couple, enrolled for a total of eighteen hours or more of school work, the regular advance payment, general fee, and schedule of tuition charges shall apply to each.

When a married couple enrolls for a combined total of seventeen hours or less of school work, they shall be charged as one person in the areas mentioned above.

#### ESTIMATE OF EXPENSES ON THE ORLANDO CAMPUS OF THE DIVISION OF NURSING

The Division of Nursing offers part of its program on the Collegedale campus and part on the Orlando campus at the Florida Sanitarium and Hospital. Charges for tuition and other expenses follow the same schedule as for any college work. The expenses on the Orlando campus which vary are:

*Blue Cross-Blue Shield:* Our group coverage does not include the Florida campus. The charge included in the General Fee for the coverage will be refunded to those registered on the Florida campus.

*Expenses on University of Florida Campus:* Expenses during the one semester (junior year) on the University of Florida campus shall be in accordance with the University Catalog. These charges are paid in advance by SMC and prorated on the monthly student statements. The total charges while on the University campus are approximately equal to those on the Orlando campus.

*Uniforms and Cape:* Approximately \$56.00 will be needed for uniforms and \$25.00 for cape if cape is desired. The uniform will be purchased the first semester of the sophomore year while the student is on the Collegedale campus. The cost will be required at the time the uniforms are ordered.

#### LAUNDRY AND DRY CLEANING SERVICE

The College operates a modern laundry and dry cleaning plant. Students are invited to patronize this service. Charges for service rendered will be entered on the student's account to be settled monthly. There is a minimum charge for dormitory students of \$2.00 a month for women and \$3.00 a month for men.

#### TITHE AND CHURCH EXPENSE

Southern Missionary College encourages the payment of tithe and church expense by its student workers. In order to facilitate this practice, arrangements may be made for each student to have charged to his

account 10 per cent of his school earnings for tithe and 2 per cent for church expense. These funds are then transferred by the College to the treasurer of the Collegedale Seventh-day Adventist Church.

### FUND FOR PERSONAL EXPENSES—PLEASE NOTE

Students should be provided with sufficient funds, in addition to money for school expenses, to cover cost of books, clothing, and all personal items. They may open deposit accounts at the Business Office, subject to withdrawal in person only, and these funds are available at any time, as long as there is credit remaining of what the student has deposited. These deposit accounts are entirely separate from the regular student's expense accounts.

Each student should bring \$20.00 to \$30.00 for books and supplies at the beginning of each semester. Books and supplies are sold at the College Store.

### PAYMENT OF ACCOUNTS

Statements will be issued to students as of the last day of each calendar month, covering the month's expenses and credits. This billing is subject to discount when paid by the 20th of the following month. Should a student's account be unpaid by the 15th of the succeeding month, he is automatically dropped from class attendance until satisfactory arrangements are made. The College is unable to carry student accounts for any length of time. Arrangements should be made for some other plan of financing.

### EXAMPLE OF CREDIT POLICY

Period covered by statement .....	October 1-31
Approximate date of billing .....	November 5
Discount period ends .....	November 20
Class attendance severed if still unpaid .....	December 15

This schedule of payment must be maintained since the budget is based upon the 100 per cent collection of student charges within the thirty-day period following date of billing.

Transcripts of credits and diplomas are issued only when students' accounts are paid in full.

## STUDENT LABOR REGULATIONS

Believing in the inspired words that "systematic labor should constitute a part of the education of youth,"<sup>1</sup> Southern Missionary College has made provision that every student enrolled may have the privilege of organizing his educational program on the "work-study" plan. "Jesus the carpenter, and Paul the tent-maker, . . . with the toil of the craftsman linked the highest ministry, human and divine."<sup>2</sup> The College not only provides a work-study program, but strongly recommends it to each student enrolled.

The College will assign students to departments where work is available and cannot shift students from one department to another merely upon request. It should be understood that once a student is assigned to work in a given department, he will remain there for the entire school year except in rare cases where changes are recommended by the school nurse or are made at the discretion of the College.

Should a student find it necessary to be absent from work, he must make prior arrangements with his work superintendent. In cases of illness, he will also inform the Health Service.

In order to provide work opportunities to students, industries are operated by the College and its subsidiary corporations. These industries must serve their customers daily, necessitating a uniform working force. To continue these industries in operation students assigned thereto must continue their work schedules to the end of the term. (Preparation for tests should be a day-by-day matter.) Any student who drops his work schedule without making proper arrangements will be suspended from class attendance until proper arrangements are made.

During the first two weeks of school, it is not always possible to get everyone into a work program, but by the end of September usually everyone has a job. This means that it may be necessary to work an extra hour a week to make up for the time lost in September.

## BIRTH CERTIFICATE

All students who expect to work and are under twenty years of age must present a Birth Certificate upon registration. This certificate must be left on file in the Assistant Business Manager's office. *No student will*

1. Ellen G. White, *Fundamentals of Christian Education*, (Nashville, Tennessee: Southern Publishing Association, 1923), p. 44.

2. *Ibid.*

*be permitted to work until the Birth Certificate is on file at the College. This is imperative under the laws of the State of Tennessee.*

## WORK PERMIT

Whenever a student seventeen years of age or under is registered, the college issues a Tennessee Employment Certificate. This must be signed and on file at the College before a student may start work.

## SCHOLARSHIPS

### COLPORTEUR SCHOLARSHIP

That students might have adequate work opportunities of a profitable nature (both financially and spiritually) during the summer months, the College, together with the Southern Publishing Association and the several local conferences and Bible Houses throughout the Southern Union, have banded together to offer a bonus to students selling denominational books or magazines.

Students may make arrangements with one of the several Bible Houses to sell books or magazines in a designated territory.

The regular colporteur commission accrues to the student's credit plus a bonus to those students meeting certain basic requirements. This bonus is approximately 43 per cent of the regular commission. A complete explanation of the student colporteur program including bonus information is available in pamphlet form from any of the Book and Bible Houses.

### TUITION SCHOLARSHIP

Each year the College, in conjunction with the several local conferences of the Southern Union Conference, awards eleven \$50 cash scholarships to be applied on tuition: \$25 at the end of the first semester and \$25 at the end of the second. The following schools are eligible to participate in this plan:

Asheville Agricultural School

Madison College Academy

Collegedale Academy (2)

Little Creek Academy

Forest Lake Academy (2)

Pine Forest Academy

Highland Academy

Mt. Pisgah Academy

The candidates are chosen as follows: The faculty of each designated school nominates its candidate; the name, if approved by the school board, is recommended to the educational board of the local conference, for final approval. The selection of nominees is based on character, scholarship, personality, and promise of future leadership.

### SCHOLARSHIPS IN TEACHER EDUCATION

In order to help young people of good moral character who possess talents and interest in the field of elementary school teaching, scholarships amounting to \$200 each are available through the beneficence of the Southern Union and local conferences of Seventh-day Adventists. Southern Missionary College will provide opportunity for students on these scholarships to work \$300 of their remaining school expenses. For further details write to the Educational Secretary of the local conference where you reside in the Southern Union. If you reside outside the Southern Union, write to the Union Secretary of Education, Box 849, Decatur, Georgia.

### SCHOLARSHIPS, GRANTS-IN-AIDS, AND AWARDS IN NURSING

*Student Loan Fund:* A student loan fund has been established to aid a limited number of qualified students. Requests for the loan should be made to the Chairman of the Division of Nursing.

*Southern Union Grants-in-Aid:* This fund provides \$150 for the freshman year and \$300 for the sophomore year. This amount will be advanced by the Southern Union Conference and will be paid directly to SMC. The student receiving this financial aid will agree to enter nursing service at the F. S. H. after graduation for one year. This one year of service at the regular rate paid graduate nurses will amortize the grant-in-aid. Students who are interested should consult with the Chairman of the Division of Nursing.

### MEMORIAL SCHOLARSHIPS

#### JAMES HICKMAN MEMORIAL FUND

The amount of \$100 is available each year to Freshman or Senior students of outstanding scholarship, social competence and character.

**DOCTOR AMBROSE L. SUHRIE  
ELEMENTARY TEACHERS SCHOLARSHIP**

The amount of at least \$200 is available each year to worthy students in training in Elementary Education.

**WILLIAM ILES SCHOLARSHIP FUND**

This fund of \$250 is applied in behalf of needy students of promise.

**LOAN FUNDS**

**ALUMNI LOAN FUND**

A fund of approximately \$1,000 a year maintained by the alumni of the college. Allocations are made to working students in the junior or senior year on the basis of proved need, character, leadership potential, good scholarship. Loans are limited to \$100 to a student.

**EDUCATIONAL FUND**

Many young people are deprived of the privilege of attending college because of a lack of necessary means. To aid these, an earnest effort has been made to obtain donations for the establishment of an education fund, from which students worthy of help may borrow money for a reasonable length of time. Faithfulness in refunding these loans will make it possible for the same money to assist many students in school. There have been some gifts, and these have been used to help several young men and women complete their work in this college. But the needs of worthy students have been greater than the funds on hand; consequently it has been impossible in many instances to render the needed assistance. It has therefore been decided to direct the attention of patrons and friends of the school to these facts and to invite them to give such means as they may desire to devote to this purpose. The College will be glad to correspond with any who think favorably of this plan, and will continue to use the gifts so that the wishes of the donors may be fulfilled and the best results obtained.

"In each conference a fund should be raised to lend to worthy poor students who desire to give themselves to the missionary work; and in some cases they should receive donations. When the Battle Creek College was first started, there was a fund placed in the Review and Herald office for the benefit of those who wished to obtain an education, but had not the means. This was used by several students until they could get a good start; then from their earnings they would replace what they had drawn, so that others might be benefited by the fund. The youth should have it plainly set before them that they must work their own way as far as possible and thus defray their expenses. That which costs little will be appreciated little. But that which costs a price somewhere near its real value will be estimated accordingly."—*Testimonies*, Vol. VI, pages 213, 214.

## GENERAL INDEX

A. G. Daniells Memorial Library .....	17	Biblical Languages .....	63
Absentia, Graduation in .....	35	Biology, Courses in .....	90
Absences .....	29	Board of Directors .....	6
Academic Regulations .....	27	Executive Committee .....	6
Accounting, Courses in .....	49	Buildings and Equipment .....	17
Accounts, Payment of .....	130	Business Administration, .....	
Accreditation .....	18	Division of .....	48
Administrative Staff .....	7	Business, Courses in .....	51
Admission .....	25		
Advanced Standing .....	25	Calendar .....	4
Aims of the School .....	15	Calendar of Events .....	5
Alumni Association .....	23	Campus Organizations .....	22
Application Procedure .....	25	Candidacy for Graduation .....	35
Applied Arts, Division of .....	41	Certification of SMC .....	18
Art, Courses in .....	81	Certification, Teacher .....	68
Athletics .....	78	Changes in Registration .....	27
Attendance Regulations .....	29	Chapel Attendance .....	30
Auditing Courses .....	29	Chemistry, Courses in .....	94
Automobiles .....	20	Class Appointments, Attendance .....	29
		Class Load .....	28
		Class Standing .....	32
Baccalaureate Degree .....	36	Classification of Students .....	26
Requirements .....	36	Clerical Training, Course in .....	57
Bachelor of Arts .....	89	College Directory .....	6
Biology .....	48	Collegedale Academy .....	18
Business Admin. and Economics .....	92	Collegedale Clinic .....	22
Chemistry .....	60	Collegedale Industries, Inc. .....	18
Communications .....	58	Collegedale Tabernacle-Auditorium .....	18
English .....	114	Colporteur Scholarships .....	132
History .....	96	Communications, Division of .....	58
Mathematics .....	82	Conduct, Moral .....	19
Music .....	98	Core Curriculum .....	36
Physics .....	107	Correspondence Work .....	29
Religion .....	64	Counselling .....	25
Spanish .....	107	Course Numbers .....	28
Theology .....	33	Course Requirements, Basic .....	36
Bachelor of Music .....	82	Courses of Instruction .....	41-116
Education .....	83	Credit Policy .....	130
Performance .....	33	Curriculums, Degree .....	33
Bachelor of Science .....	48	Curriculums, Pre-Professional .....	
Accounting .....	48	and Pre-Technical .....	117
Business Administration .....	93	Curriculums, Two-Year .....	34
Chemistry .....	42		
Foods and Nutrition .....	41	Dean's List .....	31
Home Economics .....	53	Degree Requirements, Basic .....	36
Medical Secretarial Science .....	97	Degrees Offered .....	33
Natural Sciences .....	103	See Bachelor of Arts .....	
Nursing .....	99	Bachelor of Music .....	
Physics .....	52	Bachelor of Science .....	
Secretarial Science .....	66	Basic Core Requirements .....	
Teacher Education .....	36	Major and Minor Requirements .....	
Basic Courses, Requirement .....	110	Division of Instruction .....	41-122
Bible, Courses in .....	113	Drop Vouchers .....	27
Bible Instructor, Two-year .....			
Curriculum .....			

Earl F. Hackman Hall .....	17	Graduation in Absentia .....	35
Economics, Courses in .....	51	Graduation Standards .....	33
Education, Courses in .....	74	Grants-in-Aid .....	23, 132
Education, Psychology, Health Division of .....	66	Graphic Arts, Courses in .....	46
Elementary Education .....	67	Greek, Courses in .....	63
Elementary School .....	18	Guidance and Counselling .....	21
Employment Service .....	23	Harold A. Miller Fine Arts Building .....	17
English, Courses in .....	36	Health, Courses in .....	77
Entrance Requirements .....	25	Health Service .....	22
Examinations .....	25	Hebrew, Courses in .....	63
Admission by .....	32	History of the College .....	16
Entrance .....	32	History, Courses in .....	115
Exemption by .....	32	Home Economics, Courses in .....	44
Special .....	123	Home Economics, Curriculums .....	41
Expenses, See Financial Information .....	24	Home Economics, Two-Year Curriculum .....	43
Extracurricular Activities .....	9	Home Management-Child Care Courses .....	44
Faculty .....	13	Honors, Graduation with .....	35
Committees .....	123	Housing, Married Students .....	123
Fees, See Financial Information .....	126	Incompletes .....	31
Financial Information .....	132	Industrial Education, Courses in .....	46
Financial Plans .....	134	Industrial Buildings .....	18
Aids .....	134	Industrial Superintendents .....	7
Colporteur Scholarships .....	132	Instruction, Division of .....	40
Loans, Educational Fund .....	124	John H. Talge Residence Hall .....	21
Teacher Scholarships .....	124	Journalism .....	61
Tuition Scholarships .....	124	Junior Standing .....	33
Credit Policy .....	128	Labor Regulations .....	131
Employment Opportunities .....	128	Birth Certificate .....	131
Expenses .....	129	Work Permit .....	132
Advance Payment .....	127	Labor-Class Load .....	126
Board .....	128	Late Registration .....	27
Housing .....	128	Law, Sequence in .....	131
Late Registration .....	129	Leave of Absence .....	20
Laundry and Dry Cleaning .....	127	Library Science, Courses in .....	65
Music Tuition .....	128	Loans .....	134
Room or Housing Deposit .....	128	Location of the College .....	16
Tuition and Fees .....	126	Lyceum .....	24
Payment of Accounts .....	126	Lynn Wood Hall .....	17
Personal Expenses .....	130	Major Requirements—See Bachelors Degrees .....	37
Student Association Fee .....	130	Major and Minor Requirements .....	20
Summary Chart .....	125	Marriages .....	96
Tithe and Church Expense .....	126	Maude Jones Residence Hall .....	17
Fine Arts, Division of .....	129	Medical Secretary .....	53
Food and Nutrition, Courses in .....	81	Medical Service .....	22
Foreign Languages, Courses in .....	43	Memberships .....	19
Freshman Standing .....	64	Minors .....	63
G. E. D. Tests .....	26	Biblical Languages .....	63
General Business, Courses in .....	51	Biology .....	89
General Index .....	135		
General Requirements for Graduation .....	34		
Geography, Courses in .....	116		
German, Courses in .....	64		
Grade Points .....	28		
Grades and Reports .....	31		
Graduate Record Examinations .....	34		

Business Administration .....	48	Regulations, Academic .....	27
Chemistry .....	92	Religion and Applied Theology...	103
Communications .....	60	Religion, Courses in .....	110
Education .....	38	Religious Organizations .....	22
English .....	58	Requirements, Basic Course .....	36
Foods and Nutrition .....	43	Residence Halls .....	17
German .....	64	Residence Regulations .....	35
History .....	115	Russian, Course in .....	65
Home Economics .....	41		
Mathematics .....	96	Scholarship .....	28
Medical Secretarial Science .....	53	Scholarship Reports .....	32
Music .....	82	Scholarships .....	132, 133
Physical Education .....	38	Secondary Education .....	67
Physics .....	98	Secretarial Science, Courses in ...	54
Psychology .....	38	Secretarial Science, Curriculum	52, 53
Religion .....	103	Senior Standing .....	27
Secretarial Science .....	52	Social Sciences, Division of .....	114
Spanish .....	64	Sociology, Courses in .....	116
Speech .....	38	Sophomore Standing .....	26
Moral Conduct .....	19	Spanish, Courses in .....	64
Motor Vehicles .....	20	Special Examinations .....	32
Music .....	82	Special Student .....	27
Courses in .....	84	Speech, Courses in .....	62
Curriculums .....	82	Standards of Conduct .....	19
Organizations .....	88	Student Housing Projects .....	123
Tuition .....	127	Student Life and Services .....	21
Natural Science and Mathematics .....	127	Student Organizations .....	21
Division of .....	89	Study and Work Load .....	126
Nursing .....	102	Subject Requirements .....	
Courses in .....	104	for Admission .....	36
Curriculum .....	103	Summer Session .....	5, 19
Scholarships .....	133	Table of Contents .....	3
Objectives of the College .....	15	Tardiness .....	30
One-Year Clerical Training .....	57	Teacher Certification .....	68
Physical Education, Courses in .....	77	Teacher Education .....	66
Physics, Courses in .....	100	Terms, School .....	19
Placement .....	21	Testing and Counselling Service ..	21
Political Science, Courses in .....	116	Textiles-Clothing Courses .....	45
Pre-Professional and		Theology, Courses in .....	112
Pre-Technical Curriculums .....	117	Applied .....	112
Pre-Dental .....	118	Curriculum .....	108
Pre-Dental Hygiene .....	120	Tithe and Church Expense .....	129
Pre-Engineering .....	121	Transcript .....	25
Pre-Laboratory Technician .....	118	Transfer of Credit .....	26
Pre-Law .....	121	Transfer Students .....	26
Pre-Medical .....	121	Tuition and Fees .....	125
Pre-Optometry .....	117	Two-Year Curriculums, Sequence for	
Pre-Pharmacy .....	119	Bible Instructor .....	113
Pre-Physical Therapy .....	120	Home Economics .....	43
Pre-X-Ray Technician .....	120	Medical Secretary .....	53
Preparatory School .....	119	Unaccredited Schools .....	25
Printing, Courses in .....	18	Upper Biennium, Admission of	
Probationary Status .....	46	Sophomores to .....	26
Psychology, Courses in .....	28		
Publications .....	76	Veterans, Admission on	
Regional Field Representatives .....	22	G.E.D. Test .....	26
Registration .....	6	Withdrawals .....	27
	27	Work-Study Schedule .....	126

Clark hours required in Observation 40  
" " in Conference = Teach. 30  
actual classroom teaching 80  
on a period basis  
extended over a 80 week Period

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